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WIND - CEILING - VISIBILITY DATA AT SELECTED AIRPORTS. VOLUME I--ETC(U)

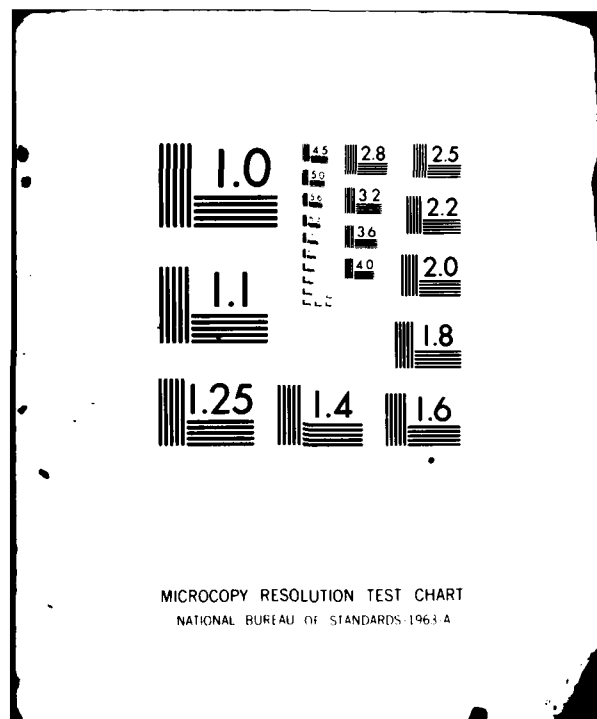
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WIND - CEILING - VISIBILITY DATA

AT SELECTED AIRPORTS

VOLUME III PART B

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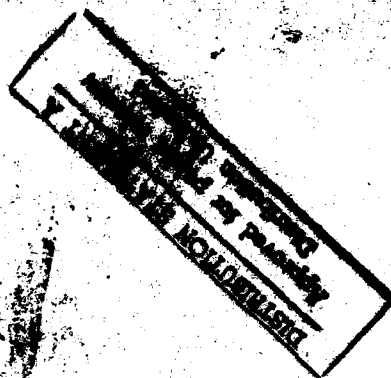
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16. Abstract <p>This report provides summary tables and graphic wind roses depicting wind direction and speed under specific ceiling - visibility conditions at 283 airports. This data will be used in the application of FAA's establishment criteria for precision and non-precision approach and landing aids.</p>			
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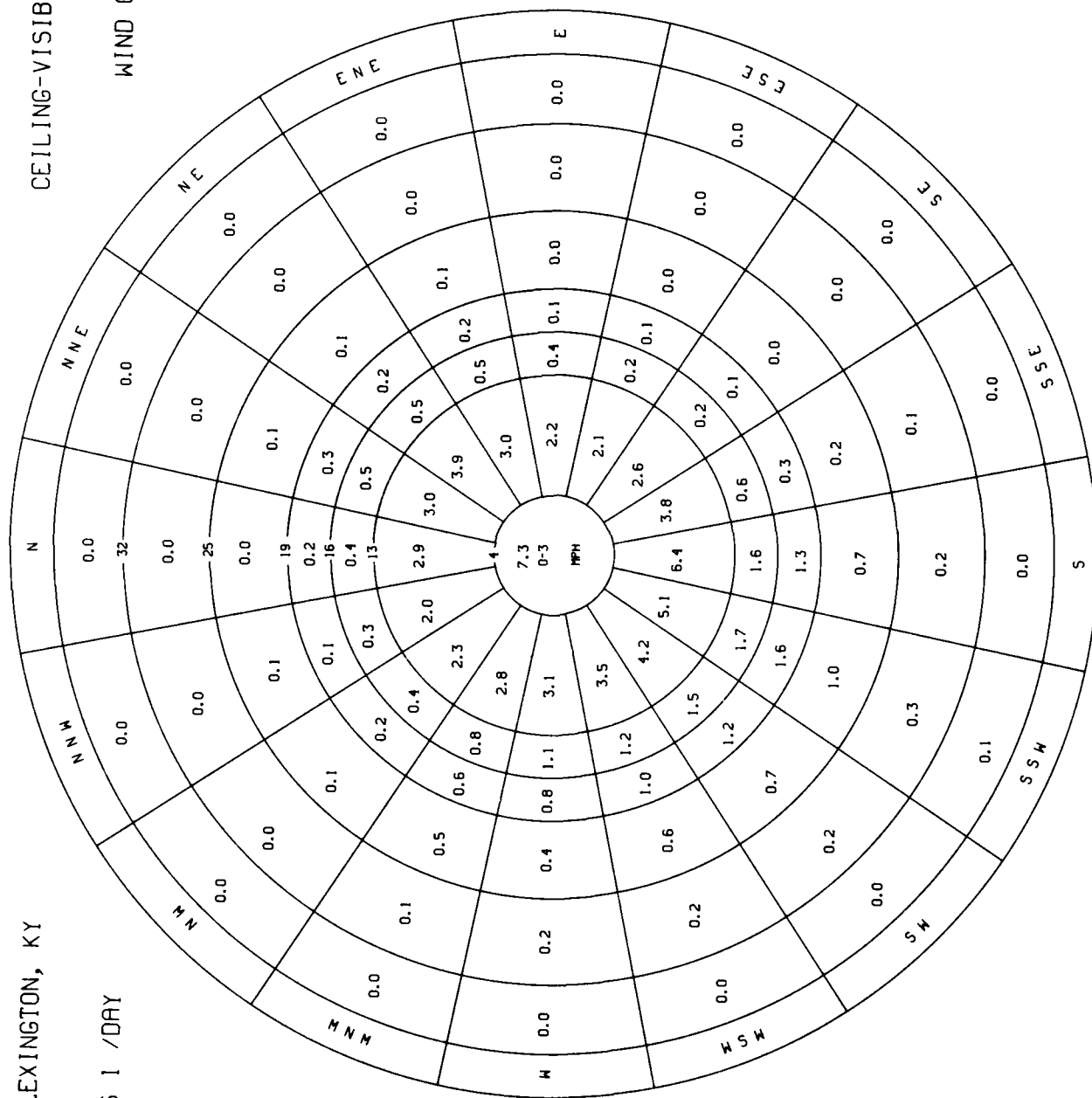
WIND-CEILING-VISIBILITY
DATA
AT SELECTED AIRPORTS

January 1981

This report has been prepared by the U. S. Department of Commerce, National Oceanic and Atmospheric Administration, Environmental Data and Information Service, National Climatic Center, Asheville, North Carolina for the Office of Aviation Policy and Plans, Federal Aviation Administration under Interagency Agreement No. DOT-FA79WAI-057. The contents of this report reflect the views of the contractor, who is responsible for the facts and accuracy of the data presented herein, and do not necessarily reflect the official views or policy of the FAA. This report does not constitute a standard, specification or regulation.

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LEX LEXINGTON, KY
 CLASS 1 /DAY
 CEILING-VISIBILITY
 WIND GRAPH



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CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LEX LEXINGTON, KY

CLASS 1 / DAY

PERIOD: 1948-1978

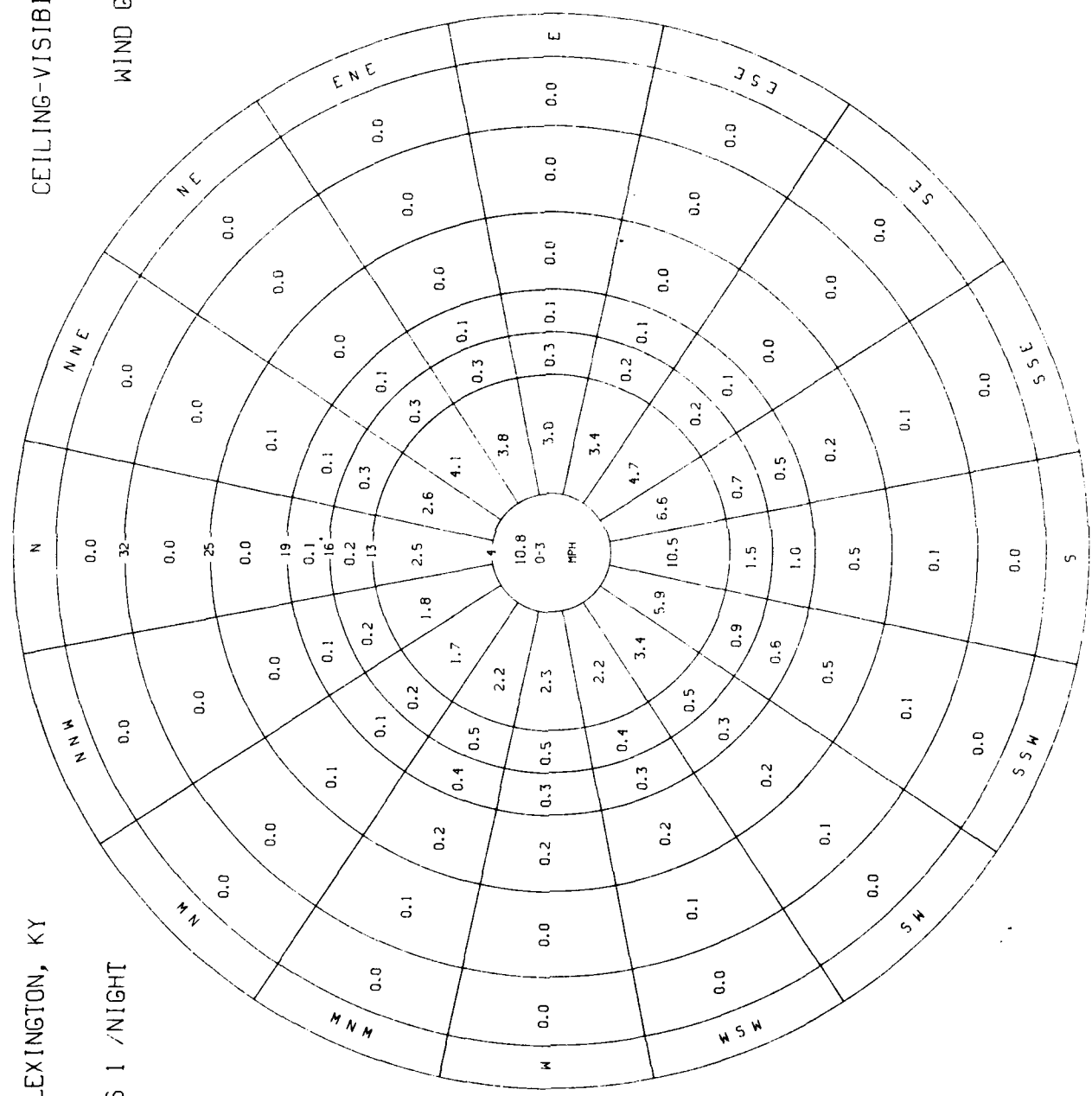
STATION NUMBER: 93820

NO. OBS.: 39836

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.3	.4	2.9	3.3	.4	.4	.2	.2	.0	.0	.0	.0	.0	.0	3.8	4.3	8.6
NNE	.3	.3	3.0	3.5	.5	.6	.3	.3	.1	.1	.0	.0	.0	.0	4.2	4.8	9.3
NE	.4	.5	3.9	4.5	.5	.6	.2	.3	.1	.1	.0	.0	.0	.0	5.1	5.9	8.7
ENE	.4	.4	3.0	3.4	.5	.6	.2	.2	.1	.1	.0	.0	.0	.0	4.1	4.7	8.9
E	.3	.4	2.2	2.5	.4	.4	.1	.1	.0	.0	.0	.0	.0	.0	3.0	3.5	8.5
ESE	.3	.4	2.1	2.4	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0	2.7	3.1	8.2
SE	.3	.4	2.6	2.9	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	3.2	3.7	8.0
SSE	.5	.6	3.8	4.4	.6	.7	.3	.4	.2	.3	.1	.1	.0	.0	5.6	6.5	9.6
S	.5	.6	6.4	7.4	1.6	1.9	1.3	1.5	.7	.8	.2	.2	.0	.0	10.7	12.4	11.1
SSW	.4	.5	5.1	5.9	1.7	2.0	1.6	1.8	1.0	1.2	.3	.4	.1	.1	10.3	11.9	12.5
SW	.3	.3	4.2	4.9	1.5	1.7	1.2	1.4	.7	.8	.2	.2	.0	.1	8.2	9.4	12.3
WSW	.2	.3	3.5	4.1	1.2	1.3	1.0	1.1	.6	.7	.2	.2	.0	.0	6.7	7.8	12.3
W	.3	.4	3.1	3.6	1.1	1.3	.8	.9	.4	.5	.2	.2	.0	.0	6.0	6.9	11.8
WNW	.3	.3	2.8	3.2	.8	.9	.6	.7	.5	.5	.1	.1	.0	.0	5.1	5.9	11.6
NW	.3	.3	2.3	2.6	.4	.5	.2	.3	.1	.1	.0	.0	.0	.0	3.3	3.9	9.5
NNW	.2	.3	2.0	2.3	.3	.4	.1	.2	.1	.1	.0	.0	.0	.0	2.8	3.2	9.0
CALM	1.9	2.2													1.9	2.2	
TOTAL	7.3	8.4	52.9	61.1	12.1	13.9	8.4	9.7	4.6	5.3	1.2	1.4	.2	.2	86.7	100	10.3

CEILING-VISIBILITY

WIND GRAPH



LEX LEXINGTON, KY

CLASS 1 / NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LEX LEXINGTON, KY

PERIOD: 1948-1978

CLASS 1 / NIGHT

STATION NUMBER: 93820

NO. OBS.: 33340

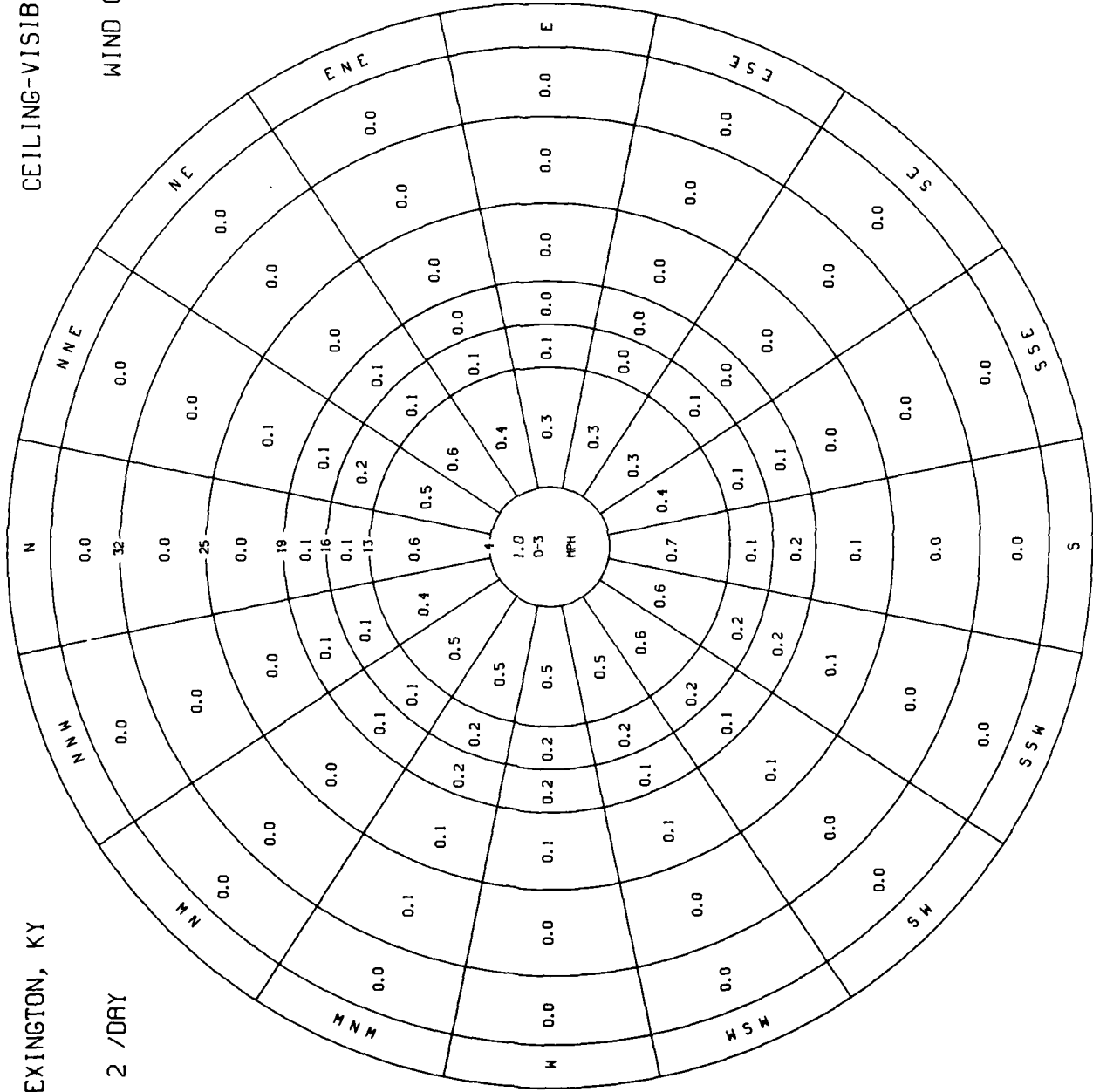
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D
N	.4	.5	2.5	2.9	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	3.3	3.8	7.4
NNE	.4	.5	2.6	3.0	.3	.3	.1	.2	.1	.1	.0	.0	.0	.0	.0	3.5	4.0	8.1
NE	.5	.5	4.1	4.7	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	5.0	5.8	7.8
ENE	.5	.5	3.8	4.4	.3	.4	.1	.1	.0	.1	.0	.0	.0	.0	.0	4.7	5.5	7.9
E	.4	.5	3.0	3.5	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	3.8	4.4	7.9
ESE	.4	.5	3.4	4.0	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	4.1	4.8	7.6
SE	.5	.6	4.7	5.4	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	5.5	6.4	7.5
SSE	.7	.8	6.6	7.7	.7	.8	.5	.5	.2	.3	.1	.1	.0	.0	.0	8.8	10.3	9.0
S	.8	1.0	10.5	12.2	1.5	1.8	1.0	1.2	.5	.5	.1	.2	.0	.0	.0	14.5	16.9	9.5
SSW	.6	.7	5.9	6.9	.9	1.0	.6	.6	.5	.5	.1	.2	.0	.0	.0	8.5	9.9	9.8
SW	.4	.4	3.4	3.9	.5	.5	.3	.4	.2	.2	.1	.1	.0	.0	.0	4.8	5.6	9.6
WSW	.3	.3	2.2	2.6	.4	.5	.3	.4	.2	.3	.1	.1	.0	.0	.0	3.6	4.2	10.3
W	.3	.4	2.3	2.6	.5	.6	.3	.4	.2	.2	.0	.0	.0	.0	.0	3.6	4.2	10.0
WNW	.3	.4	2.2	2.6	.5	.5	.4	.4	.2	.3	.1	.1	.0	.0	.0	3.7	4.3	10.4
NW	.3	.3	1.7	2.0	.2	.3	.1	.1	.1	.1	.0	.0	.0	.0	.0	2.5	2.9	8.6
NNW	.3	.4	1.8	2.1	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	2.4	2.8	7.8
CALM	3.7	4.3														3.7	4.3	
TOTAL	10.8	12.6	60.7	70.6	7.2	8.3	4.2	4.9	2.3	2.6	.6	.8	.1	.1	.1	86.0	100	8.5

CEILING-VISIBILITY

WIND GRAPH

LEX LEXINGTON, KY

CLASS 2 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LEX LEXINGTON, KY

PERIOD: 1948-1978

CLASS 2 / DAY

STATION NUMBER: 93820

NO. OBS.: 6124

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.3	.6	4.3	.1	1.1	.1	.5	.0	.2	.0	.0	.0	.0	.9 6.4
NNE	.1	.4	.5	3.9	.2	1.5	.1	.7	.1	.4	.0	.0	.0	.0	.9 6.9
NE	.0	.3	.6	4.3	.1	.8	.1	.4	.0	.0	.0	.0	.0	.0	.8 6.0
ENE	.1	.4	.4	3.2	.1	.7	.0	.3	.0	.0	.0	.0	.0	.0	.6 4.6
E	.0	.3	.3	2.6	.1	.4	.0	.2	.0	.1	.0	.0	.0	.0	.5 3.6
ESE	.1	.4	.3	2.2	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.4 3.0
SE	.0	.3	.3	2.0	.1	.4	.0	.2	.0	.0	.0	.0	.0	.0	.4 2.8
SSE	.0	.2	.4	2.9	.1	.5	.1	.4	.0	.3	.0	.1	.0	.0	.6 4.5
S	.1	.4	.7	5.5	.1	1.1	.2	1.3	.1	.6	.0	.1	.0	.0	1.2 8.9
SSW	.0	.3	.6	4.4	.2	1.5	.2	1.2	.1	.6	.0	.2	.0	.0	1.1 8.3
SW	.0	.2	.6	4.1	.2	1.3	.1	1.0	.1	.6	.0	.3	.0	.0	1.0 7.5
WSW	.0	.2	.5	3.8	.2	1.3	.1	1.0	.1	.9	.0	.2	.0	.1	1.0 7.5
W	.1	.4	.5	3.7	.2	1.7	.2	1.2	.1	.9	.0	.2	.0	.0	1.1 8.1
WNW	.0	.2	.5	4.0	.2	1.4	.2	1.2	.1	1.0	.1	.4	.0	.0	1.1 8.1
NW	.0	.2	.5	3.4	.1	.8	.1	.7	.0	.3	.0	.0	.0	.0	.7 5.5
NNW	.0	.2	.4	3.0	.1	1.1	.1	.7	.0	.2	.0	.0	.0	.0	.7 5.3
CALM	.4	2.9													.4 2.9
TOTAL	1.0	7.8	7.6	57.3	2.1	15.6	1.5	11.1	.8	6.3	.2	1.6	.0	.3	13.3 100

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LEX LEXINGTON, KY

PERIOD: 1948-1978

CLASS 2 / NIGHT

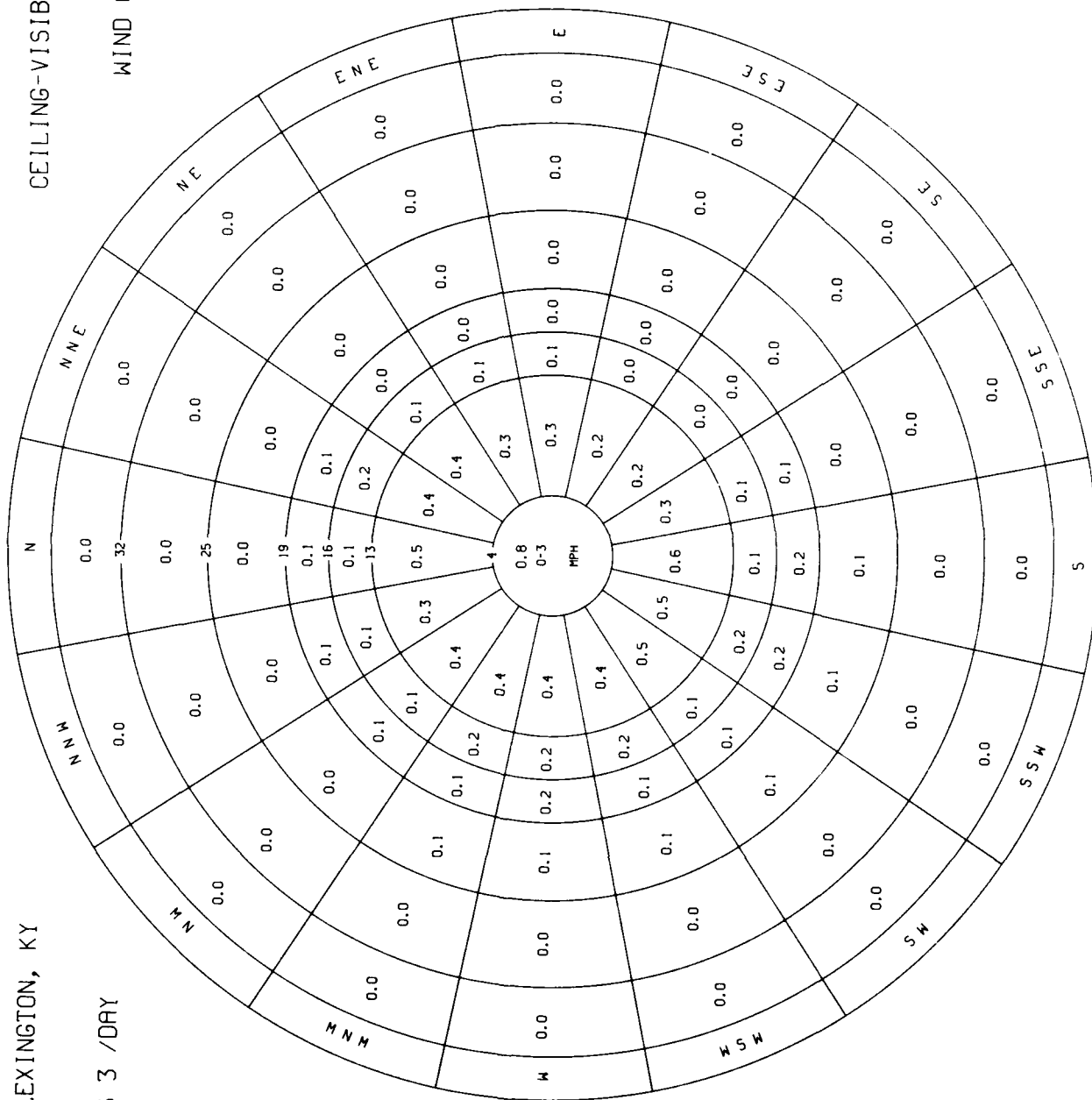
STATION NUMBER: 93820

NO. OBS.: 5442

DIR	SPEED GROUPS (MPH)															AVG WIND SPEED
	0-3			4-12			13-15			16-18			19-24			TOTAL
	A	B		A	B		A	B		A	B		A	B		
N	.0	.3		.7	5.1		.2	1.1		.1	.6		.0	.3		10.1
NNE	.1	.4		.6	3.9		.1	.9		.1	.7		.0	.3		10.5
NE	.1	.6		.6	4.0		.1	.8		.1	.4		.0	.1		9.3
ENE	.1	.4		.5	3.5		.1	.6		.0	.2		.0	.0		8.8
E	.0	.3		.3	2.3		.1	.5		.0	.2		.0	.0		9.1
ESE	.0	.3		.3	2.3		.0	.3		.0	.1		.0	.0		8.4
SE	.1	.4		.3	2.1		.0	.2		.0	.1		.0	.0		7.7
SSE	.1	.4		.4	3.0		.1	.4		.0	.3		.0	.2		9.0
S	.1	.8		.6	4.6		.1	1.0		.1	.6		.1	.4		9.7
SSW	.1	.5		.6	3.9		.1	1.0		.1	.6		.0	.2		11.4
SW	.0	.2		.6	4.0		.2	1.2		.1	.8		.1	.6		12.0
WSW	.0	.3		.5	3.7		.2	1.4		.1	1.0		.1	.7		13.1
W	.0	.3		.6	4.2		.2	1.5		.2	1.2		.1	.7		12.9
WNW	.1	.5		.6	4.3		.2	1.5		.2	1.2		.1	.8		12.3
NW	.0	.3		.6	4.3		.1	1.0		.1	.7		.1	.5		10.9
NNW	.0	.3		.5	3.3		.2	1.2		.1	.6		.0	.3		11.3
CALM	.5	3.5														
TOTAL	1.4	9.7		8.2	58.4		2.0	14.6		1.3	9.5		.8	5.6		10.4

LEX LEXINGTON, KY
CLASS 3 /DAY

CEILING-VISIBILITY
WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LEX LEXINGTON, KY

PERIOD: 1948-1978

CLASS 3 / DAY

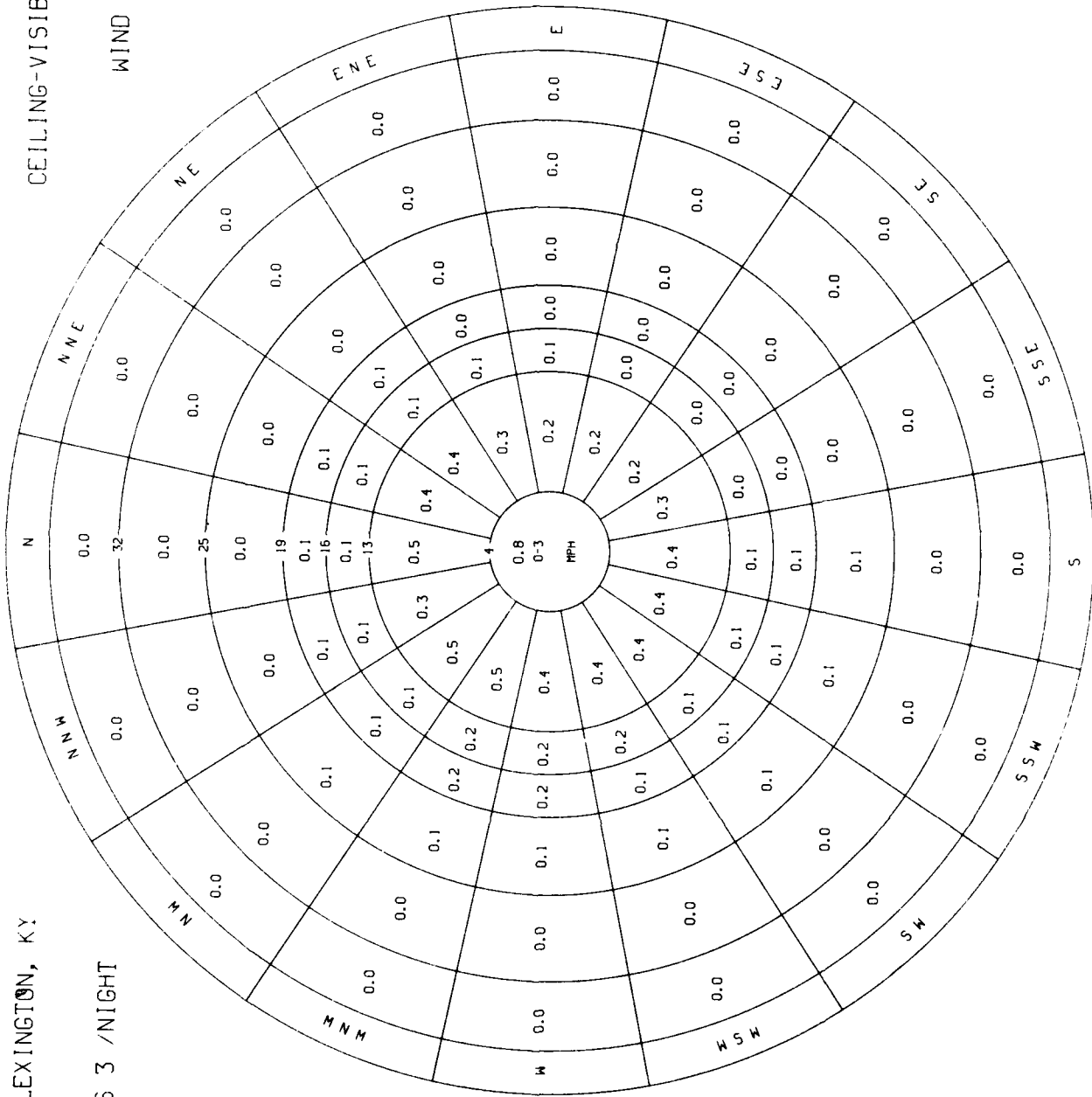
STATION NUMBER: 93820

NO. OBS.: 5217

D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	.0	.2	.5	4.1	.1	1.0	.1	.4	.0	.2	.0	.0	.0	.0	.7	5.9	10.3
NNE	.0	.4	.4	3.7	.2	1.6	.1	.7	.0	.4	.0	.0	.0	.0	.8	6.8	11.1
NE	.0	.3	.4	3.9	.1	.8	.0	.4	.0	.1	.0	.0	.0	.0	.6	5.6	9.7
ENE	.0	.3	.3	3.0	.1	.7	.0	.3	.0	.0	.0	.0	.0	.0	.5	4.4	9.6
E	.0	.3	.3	2.7	.1	.4	.0	.2	.0	.1	.0	.0	.0	.0	.4	3.7	8.9
ESE	.0	.4	.2	1.9	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.3	2.8	8.3
SE	.0	.2	.2	1.9	.0	.4	.0	.2	.0	.0	.0	.0	.0	.0	.3	2.7	9.5
SSE	.0	.2	.3	2.9	.1	.6	.1	.4	.0	.4	.0	.1	.0	.0	.5	4.7	11.2
S	.0	.4	.6	5.3	.1	1.2	.2	1.4	.1	.7	.0	.1	.0	.0	1.0	9.1	11.4
SSW	.0	.3	.5	4.4	.2	1.6	.2	1.3	.1	.7	.0	.2	.0	.1	1.0	8.7	12.4
SW	.0	.2	.5	4.2	.1	1.3	.1	1.2	.1	.7	.0	.3	.0	.0	.9	7.8	12.4
WSW	.0	.2	.4	3.9	.2	1.4	.1	1.1	.1	1.1	.0	.2	.0	.1	.9	8.0	12.9
W	.0	.3	.4	3.6	.2	1.9	.2	1.3	.1	1.0	.0	.2	.0	.0	1.0	8.4	13.0
WNW	.0	.2	.4	3.9	.2	1.5	.1	1.2	.1	1.0	.0	.4	.0	.0	.9	8.3	13.3
NW	.0	.2	.4	3.3	.1	.8	.1	.7	.0	.4	.0	.0	.0	.0	.6	5.4	11.2
NNW	.0	.2	.3	3.0	.1	1.1	.1	.6	.0	.2	.0	.0	.0	.0	.6	5.1	11.2
CALM	.3	2.6													.3	2.6	
TOTAL	.8	7.0	6.3	55.7	1.9	16.7	1.3	11.7	.8	6.9	.2	1.7	.0	.2	11.4	100	11.2

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LEX LEXINGTON, KY

PERIOD: 1948-1978

CLASS 3 / NIGHT

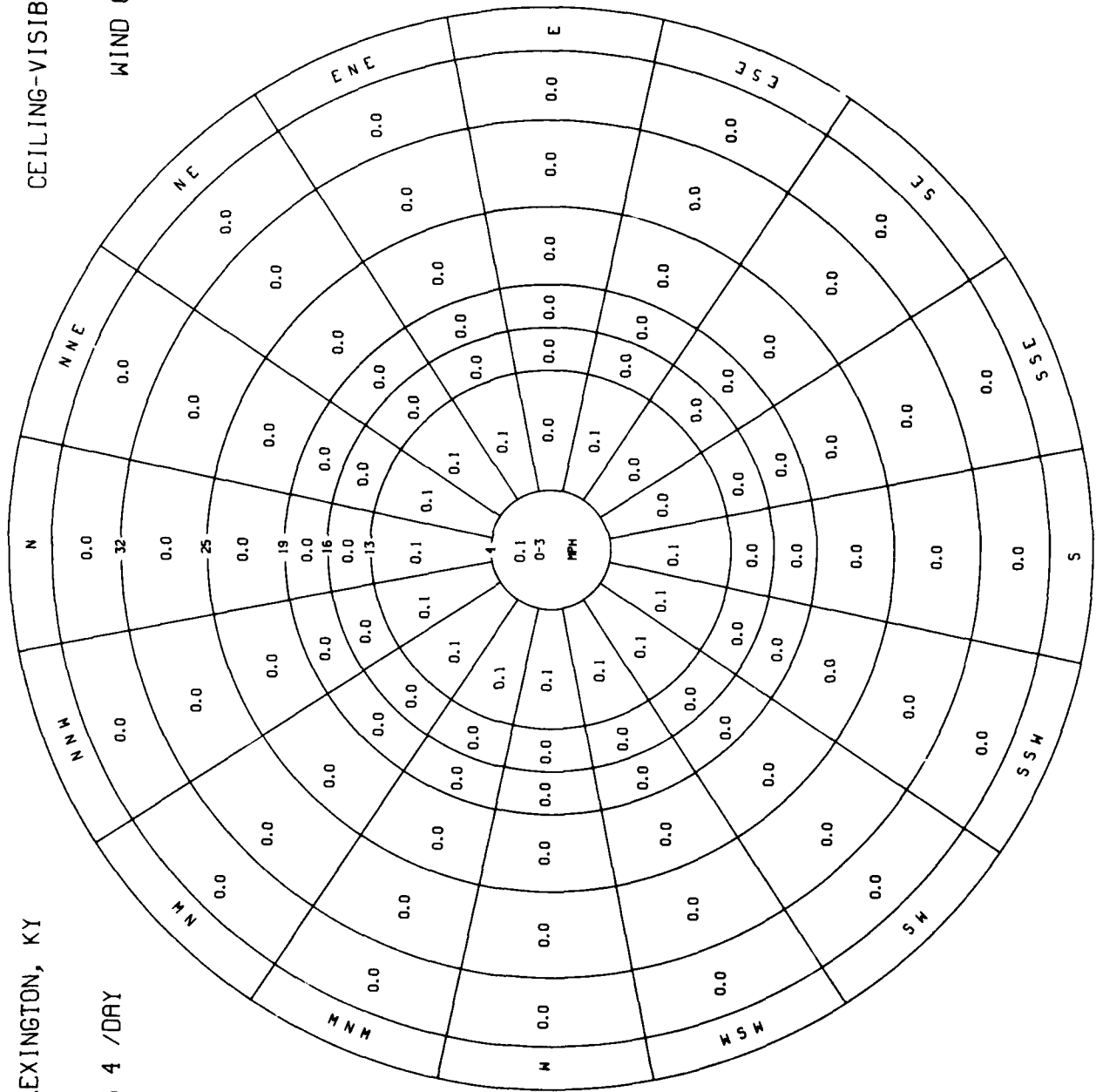
STATION NUMBER: 93820

NU. OBS.: 4054

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.3	.5	5.0	.1	1.1	.1	.7	.0	.2	.0	.0	.0	.0	.8 7.3
NNE	.0	.2	.4	3.7	.1	.9	.1	.8	.0	.3	.0	.1	.0	.0	.6 6.0
NE	.1	.6	.4	3.5	.1	.9	.1	.5	.0	.1	.0	.0	.0	.0	.6 5.6
ENE	.0	.4	.3	3.2	.1	.8	.0	.3	.0	.0	.0	.0	.0	.0	.5 4.8
E	.0	.3	.2	2.2	.1	.5	.0	.2	.0	.0	.0	.0	.0	.0	.3 3.3
ESE	.0	.2	.2	2.2	.0	.3	.0	.1	.0	.1	.0	.0	.0	.0	.3 2.9
SE	.0	.3	.2	1.9	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.3 2.5
SSE	.0	.3	.3	2.6	.0	.3	.0	.3	.0	.2	.0	.0	.0	.0	.4 3.7
S	.1	.7	.4	4.2	.1	1.2	.1	.7	.1	.5	.0	.1	.0	.0	.8 7.4
SSW	.0	.4	.4	3.6	.1	1.1	.1	.8	.1	.7	.0	.3	.0	.0	.7 7.0
SW	.0	.1	.4	3.7	.1	1.3	.1	1.0	.1	.8	.0	.4	.0	.0	.8 7.4
WSW	.0	.1	.4	3.7	.2	1.6	.1	1.2	.1	.8	.0	.4	.0	.2	.8 8.0
W	.0	.2	.4	4.3	.2	1.7	.2	1.5	.1	.9	.0	.4	.0	.1	.9 9.1
WNW	.0	.4	.5	4.6	.2	1.8	.2	1.5	.1	.8	.0	.4	.0	.0	1.0 9.5
NW	.0	.2	.5	4.4	.1	1.1	.1	.7	.1	.6	.0	.1	.0	.0	.7 7.1
NNW	.0	.3	.3	3.2	.1	1.3	.1	.7	.0	.3	.0	.0	.0	.0	.6 5.8
CALM	.3	2.7													.3 2.7
TOTAL	.8	7.9	5.9	56.0	1.7	16.1	1.1	11.0	.7	6.5	.2	2.3	.0	.3	10.5 100 11.0

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LEX LEXINGTON, KY

PERIOD: 1948-1978

CLASS 4 / DAY

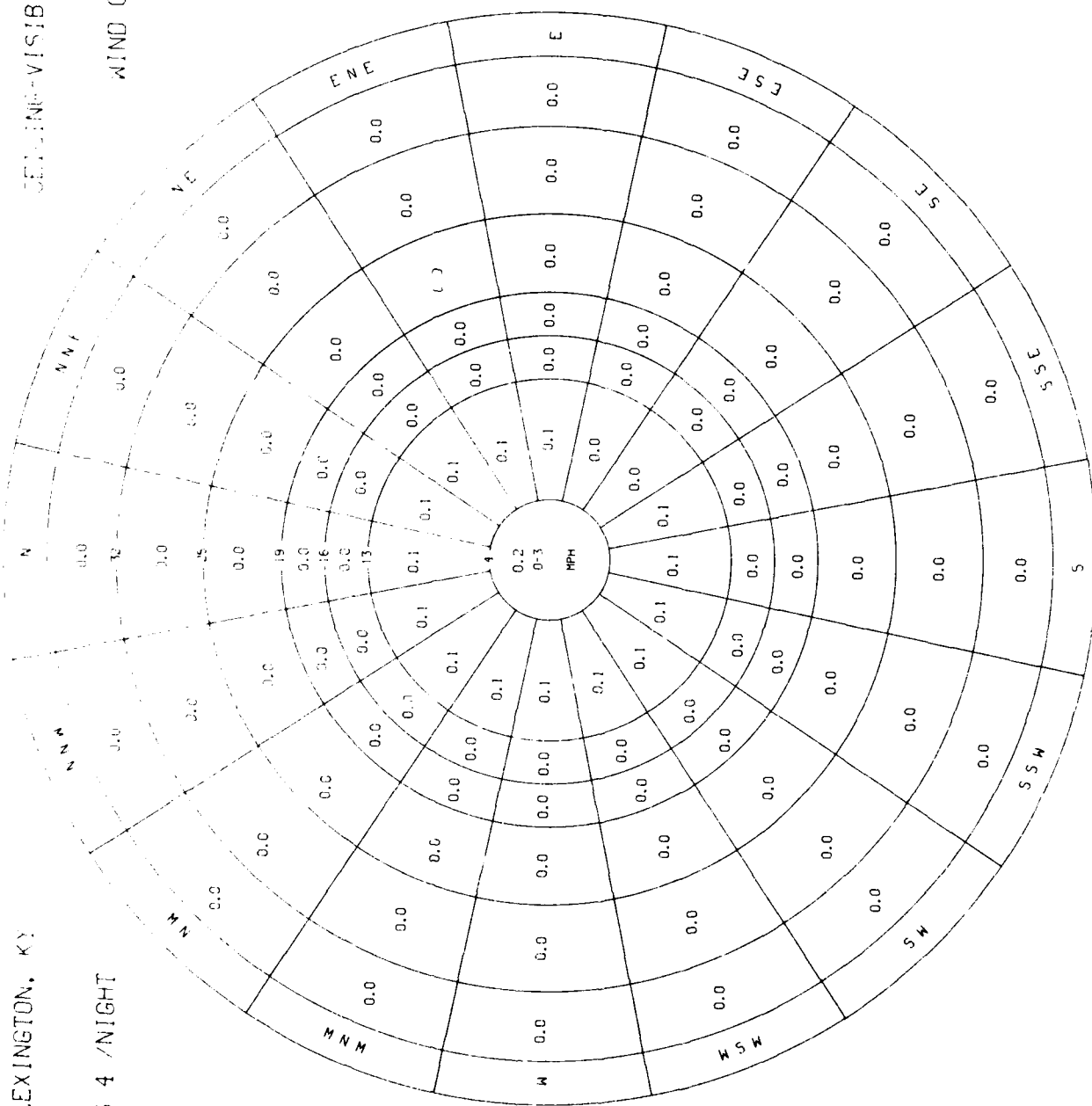
STATION NUMBER: 93820

NO. OBS.: 660

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.3	.1	6.4	.0	2.0	.0	.9	.0	.2	.0	.0	.0	.0	.1	9.7	10.3
NNE	.0	.2	.1	5.0	.0	.5	.0	.9	.0	.8	.0	.2	.0	.0	.1	7.4	11.5
NE	.0	.2	.1	6.1	.0	.8	.0	.5	.0	.0	.0	.0	.0	.0	.1	7.4	9.2
ENE	.0	.9	.1	4.2	.0	.5	.0	.2	.0	.0	.0	.0	.0	.0	.1	5.8	7.9
E	.0	.5	.0	1.4	.0	.0	.0	.3	.0	.2	.0	.0	.0	.0	.0	2.3	8.7
ESE	.0	.2	.1	3.9	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.1	4.4	8.2
SE	.0	.8	.0	2.3	.0	.2	.0	.3	.0	.0	.0	.0	.0	.0	.1	3.5	8.4
SSE	.0	.2	.0	2.6	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	8.1
S	.0	.6	.1	6.1	.0	.5	.0	.6	.0	.3	.0	.0	.0	.0	.1	8.0	8.9
SSW	.0	.3	.1	4.1	.0	.8	.0	.5	.0	.2	.0	.0	.0	.0	.1	5.8	9.7
SW	.0	.3	.1	3.9	.0	1.4	.0	.0	.0	.2	.0	.3	.0	.2	.1	6.2	11.0
WSW	.0	.0	.1	3.5	.0	1.1	.0	.3	.0	.3	.0	.0	.0	.3	.1	5.5	12.4
W	.0	.6	.1	3.9	.0	1.1	.0	.8	.0	.2	.0	.0	.0	.0	.1	6.5	9.9
WNW	.0	.5	.1	4.1	.0	.9	.0	.9	.0	.8	.0	.3	.0	.0	.1	7.9	12.0
NW	.0	.2	.1	3.9	.0	.9	.0	.9	.0	.2	.0	.0	.0	.2	.1	6.4	11.4
NNW	.0	.5	.1	4.2	.0	1.2	.0	1.2	.0	.3	.0	.0	.0	.0	.1	7.4	11.1
CALM	.0	2.9													.0	2.9	
TOTAL	.1	8.8	.9	65.6	.2	12.0	.1	8.9	.0	3.3	.0	.8	.0	.6	1.4	100	9.9

LEXINGTON, KY

CLASS 4 / NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LEXINGTON, KY

PERIOD: 1948-1978

CLASS 4 / NIGHT

STATION NUMBER: 93820

NO. OBS.: 832

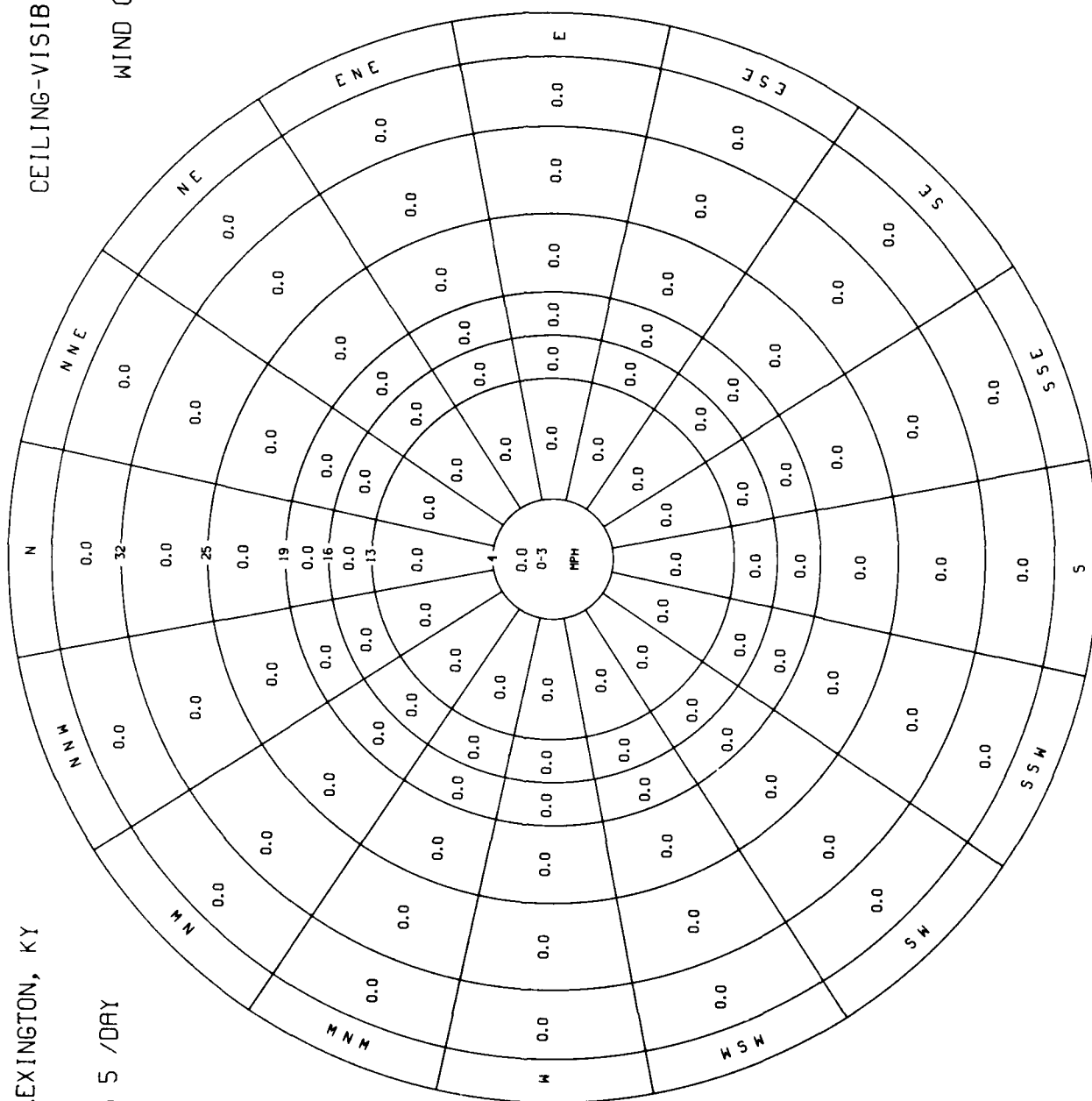
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.0	.1	6.5	.0	1.7	.0	.7	.0	.6	.0	.0	.0	.0	.2 9.5 10.8
NNE	.0	.5	.1	4.8	.0	1.3	.0	.8	.0	.4	.0	.1	.0	.0	.2 7.9 10.6
NENE	.0	.2	.1	5.6	.0	.7	.0	.4	.0	.2	.0	.0	.0	.0	.2 7.2 9.4
ENE	.0	.4	.1	4.6	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.1 5.4 8.3
E	.0	.1	.1	2.8	.0	.7	.0	.1	.0	.0	.0	.0	.0	.0	.1 3.7 9.2
ESE	.0	.6	.0	1.9	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.1 2.9 7.4
SE	.0	.2	.0	1.8	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.1 2.4 8.6
SSE	.0	.8	.1	3.4	.0	.8	.0	.2	.0	.0	.0	.0	.0	.0	.1 5.3 8.6
S	.0	.7	.1	5.2	.0	.5	.0	.4	.0	.1	.0	.0	.0	.0	.1 6.9 8.1
SSW	.0	.2	.1	4.2	.0	1.0	.0	.2	.0	.4	.0	.0	.0	.0	.1 6.0 10.0
SW	.0	.2	.1	3.7	.0	1.0	.0	.2	.0	.0	.0	.0	.0	.0	.1 5.2 9.5
WSW	.0	.5	.1	4.2	.0	1.0	.0	.4	.0	.5	.0	.1	.0	.1	.1 6.7 10.8
W	.0	.2	.1	4.2	.0	1.4	.0	.8	.0	.4	.0	.2	.0	.0	.2 7.3 11.2
WNW	.0	.5	.1	3.5	.0	1.6	.0	.5	.0	.8	.0	.2	.0	.1	.2 7.1 12.1
NW	.0	.4	.1	4.0	.0	.8	.0	1.0	.0	.4	.0	.0	.0	.0	.1 6.5 10.9
NNW	.0	.1	.1	4.1	.0	1.2	.0	.6	.0	.6	.0	.0	.0	.0	.1 6.6 11.2
CALM	.1	3.4													.1 3.4
TOTAL	.2	9.1	1.4	64.1	.3	14.1	.1	6.9	.1	4.3	.0	.7	.0	.1	2.1 100 9.7

CEILING-VISIBILITY

WIND GRAPH

LEX LEXINGTON, KY

CLASS 5 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LEX LEXINGTON, KY

PERIOD: 1948-1978

CLASS 5 / DAY

STATION NUMBER: 93820

NO. OBS.: 112

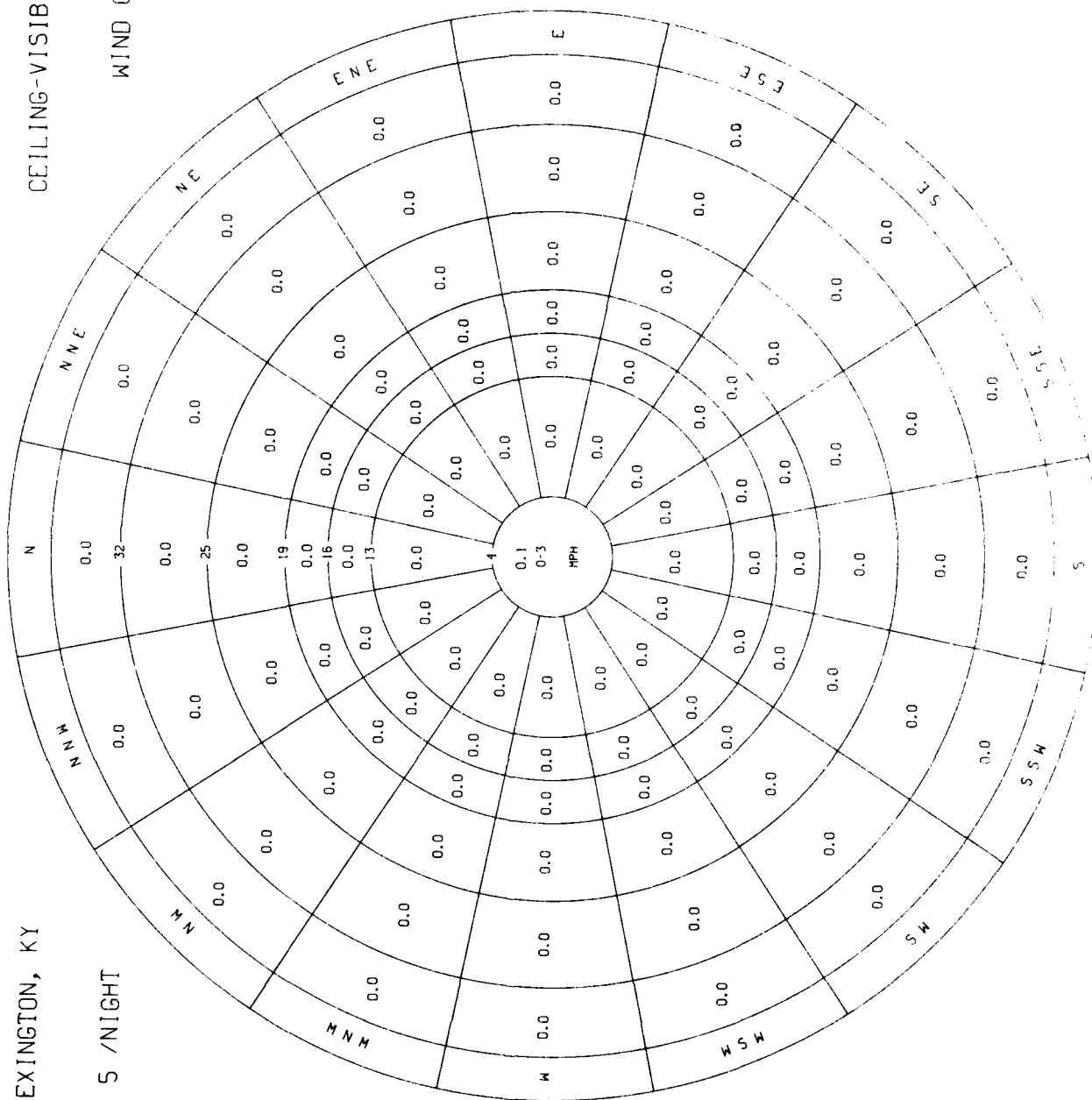
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D
N	.0	.0	.0	3.6	.0	.9	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	5.4	10.2
NNE	.0	1.8	.0	4.5	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.1	8.8
NE	.0	.9	.0	9.8	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.6	8.0
ENE	.0	.0	.0	4.5	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.4	8.2
E	.0	.0	.0	6.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.3	8.4
ESE	.0	2.7	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	4.0
SE	.0	.0	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	7.0
SSE	.0	.9	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	6.7
S	.0	.9	.0	5.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.3	6.5
SSW	.0	.9	.0	8.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.9	7.7
SW	.0	.0	.0	6.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.1	11.0
WSW	.0	.9	.0	2.7	.0	.0	.0	.0	.0	.9	.0	.9	.0	.0	.0	.0	5.4	12.3
W	.0	.0	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.9	.0	.0	.0	.0	3.6	11.2
WNW	.0	1.8	.0	4.5	.0	.0	.0	1.8	.0	.0	.0	.9	.0	.0	.0	.0	8.9	10.3
NW	.0	.0	.0	6.3	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.1	8.0
NNW	.0	.9	.0	.9	.0	.0	.0	.9	.0	.9	.0	.0	.0	.0	.0	.0	3.6	12.5
CALM	.0	4.5													.0	4.5		
TOTAL	.0	16.1	.2	70.5	.0	4.5	.0	3.6	.0	1.8	.0	2.7	.0	.9	.2	100		8.5

CEILING-VISIBILITY

WIND GRAPH

LEX LEXINGTON, KY

CLASS 5 / NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LEX LEXINGTON, KY

PERIOD: 1948-1978

CLASS 5 / NIGHT

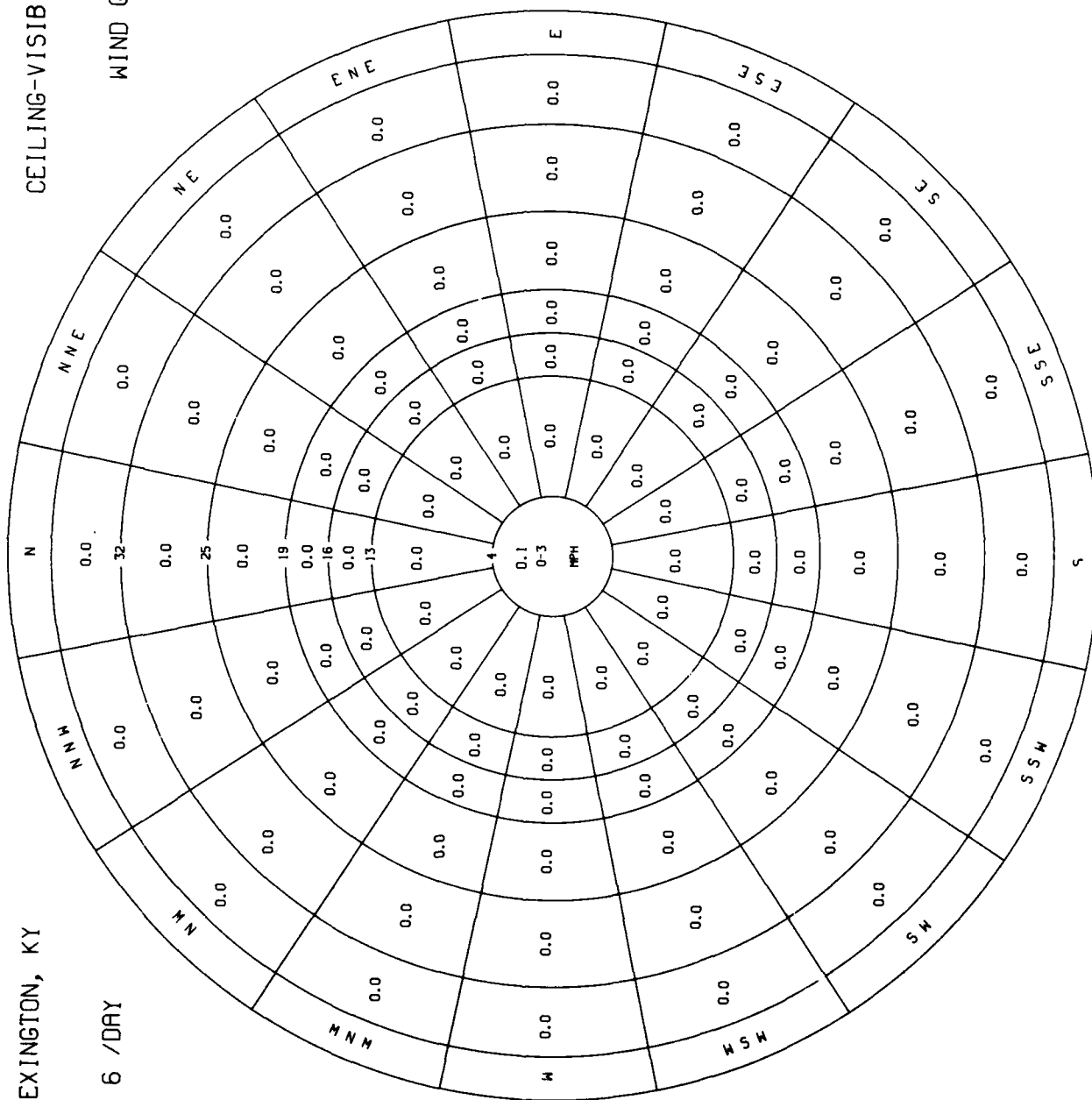
STATION NUMBER: 93820

NO. OBS.: 223

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.4	.0	3.6	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0 4.5 7.3
NNE	.0	.9	.0	4.0	.0	.4	.0	.9	.0	.9	.0	.0	.0	.0	.0 7.2 10.9
NE	.0	1.8	.0	4.5	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0 6.7 6.7
ENE	.0	.4	.0	5.8	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0 6.7 8.2
E	.0	.0	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.1 7.3
ESE	.0	.9	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.6 6.9
SE	.0	.9	.0	4.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 4.9 6.8
SSE	.0	.4	.0	4.9	.0	.4	.0	.4	.0	.0	.0	.0	.0	.0	.0 6.3 8.1
S	.0	.9	.0	5.8	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0 7.2 7.7
SSW	.0	.9	.0	4.9	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0 6.3 6.8
SW	.0	1.3	.0	4.9	.0	.9	.0	1.3	.0	.4	.0	.0	.0	.1	.0 9.0 9.2
WSW	.0	.4	.0	3.1	.0	.9	.0	.9	.0	.4	.0	.0	.0	.0	.0 5.8 11.0
W	.0	.9	.0	3.6	.0	.0	.0	.0	.0	.0	.0	.4	.0	.9	.0 5.8 12.9
WNW	.0	.9	.0	4.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 4.9 7.7
NW	.0	.0	.0	6.3	.0	.4	.0	.4	.0	.4	.0	.0	.0	.0	.0 7.6 9.9
NNW	.0	.4	.0	3.6	.0	.4	.0	.4	.0	.0	.0	.0	.0	.0	.0 4.9 9.5
CALM	.0	5.4													.0 5.4
TOTAL	.1	17.0	.4	69.1	.0	5.4	.0	4.9	.0	2.2	.0	.4	.0	.9	.6 100 8.2

CEILING-VISIBILITY
WIND GRAPH

LEX LEXINGTON, KY
CLASS 6 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LEX LEXINGTON, KY

PERIOD: 1948-1978

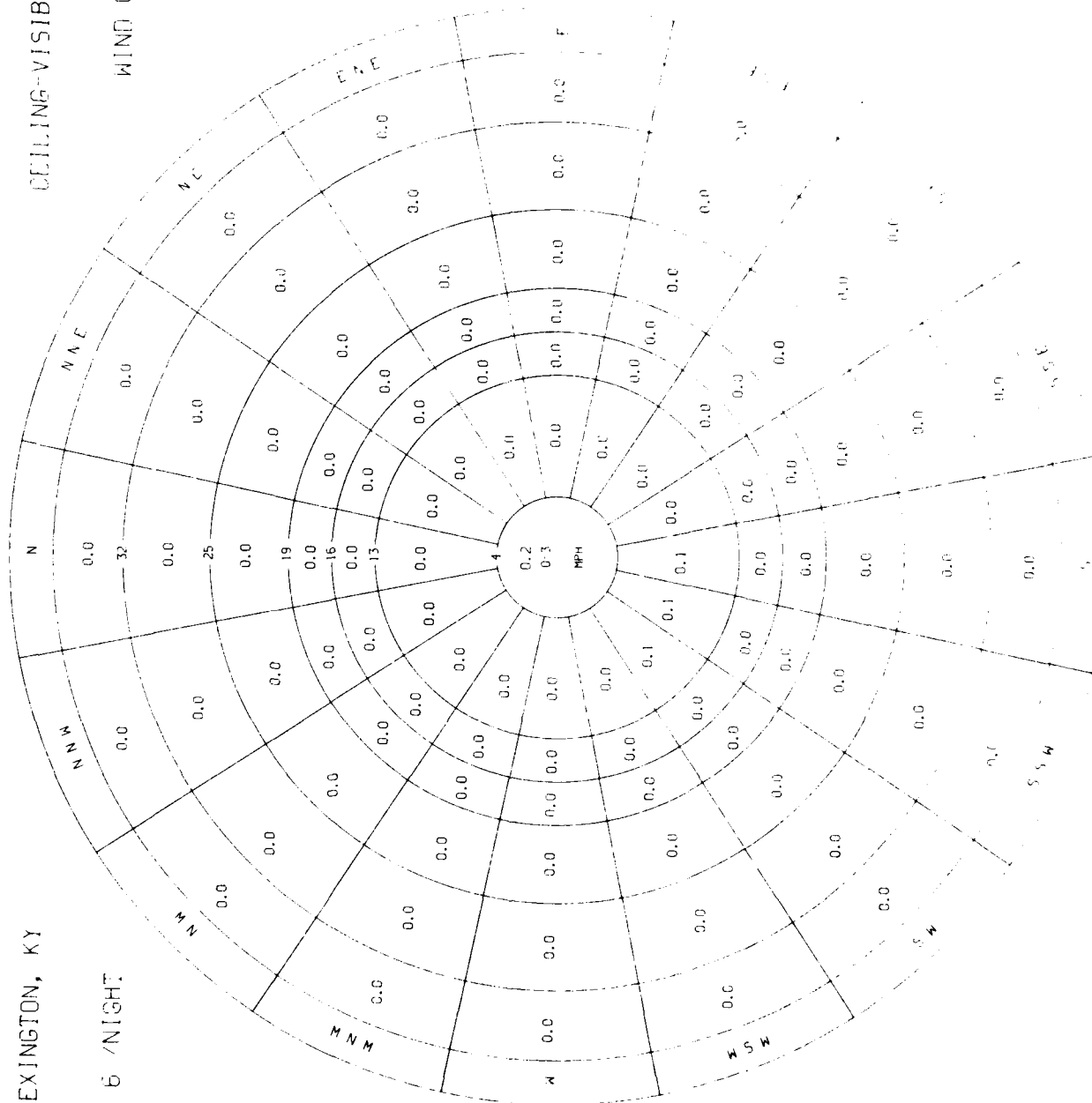
CLASS 6 / DAY

STATION NUMBER: 93820

NO. OBS.: 135

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	3.0	.0	5.9	.0	.7	.0	.0	.0	.7	.0	.0	.0	.0	.0	10.4	7.6		
NNE	.0	.7	.0	8.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.9	7.0		
NE	.0	.7	.0	6.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.4	6.0		
ENE	.0	.7	.0	7.4	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.9	7.9		
E	.0	.7	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	5.2		
ESE	.0	.7	.0	4.4	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	5.9	8.4		
SE	.0	1.5	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	5.8		
SSE	.0	.7	.0	5.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.9	5.9		
S	.0	1.5	.0	7.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.9	6.6		
SSW	.0	2.2	.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.2	5.9		
SW	.0	.7	.0	2.2	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	3.7	7.8		
WSW	.0	.0	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	7.0		
W	.0	1.5	.0	4.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.9	6.6		
WNW	.0	.0	.0	4.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	7.5		
NW	.0	.7	.0	1.5	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	6.7		
NNW	.0	.7	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	7.0		
CALM	.0	10.4													.0	10.4			
TOTAL	.1	26.7	.2	68.9	.0	2.2	.0	1.5	.0	.7	.0	.0	.0	.0	.0	3	100	6.2	

LEXINGTON, KY
 CLASS 6 / NIGHT
 CEILING-VISIBILITY
 WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LEX LEXINGTON, KY

PERIOD: 1948-1978

CLASS 6 / NIGHT

STATION NUMBER: 93820

NO. OBS.: 333

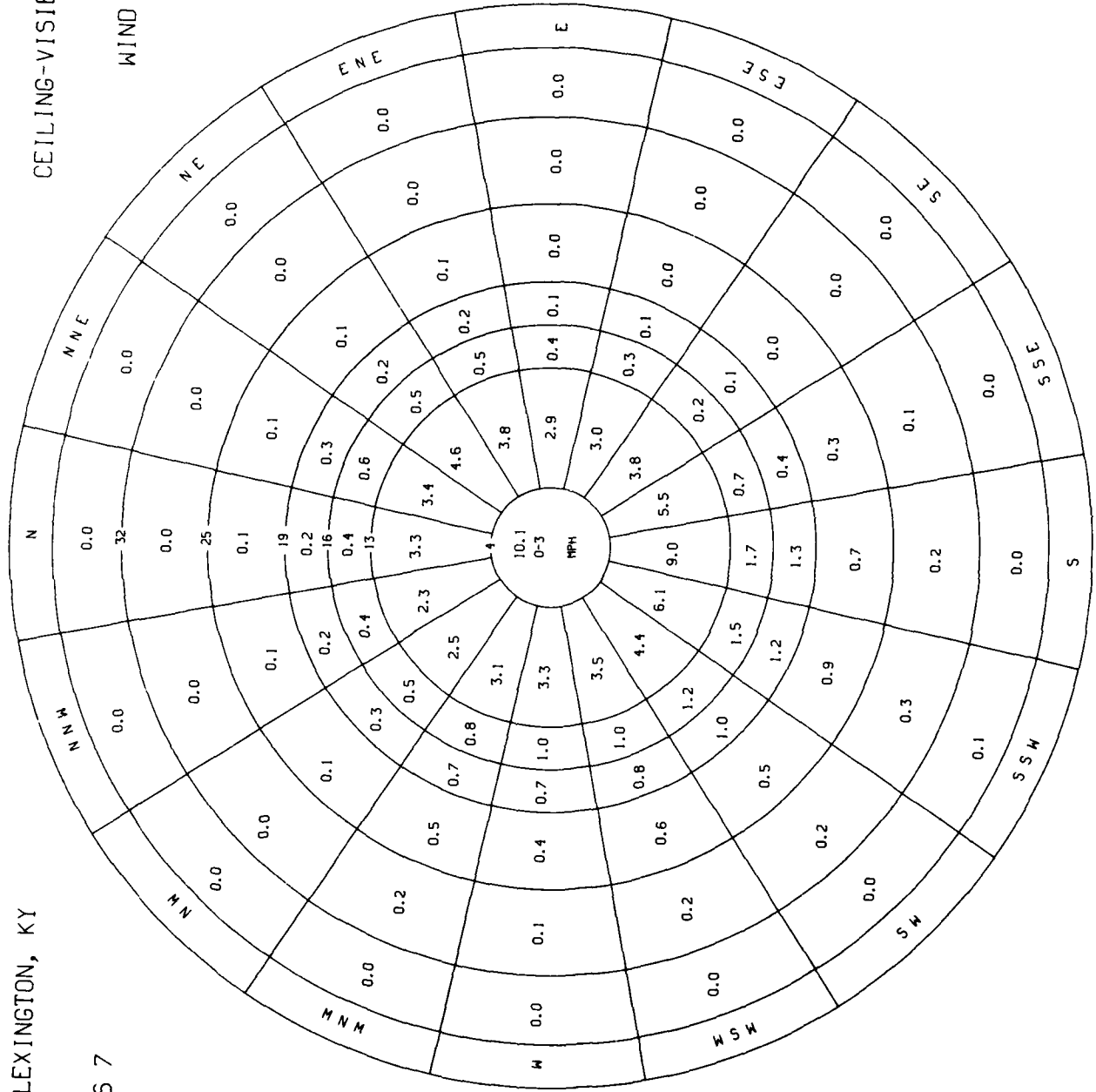
D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	.0	.6	.0	3.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	6.8
NNE	.0	1.2	.0	3.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.1	6.2
NE	.0	.9	.0	5.4	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.6	6.6
ENE	.0	.6	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	6.4
E	.0	.9	.0	1.5	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	5.8
ESE	.0	.0	.0	3.9	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5	8.9
SE	.0	1.5	.0	3.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.4	6.2
SSE	.0	1.2	.0	5.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.6	6.3
S	.0	2.4	.1	7.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	9.6	5.7
SSW	.0	1.8	.1	6.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	8.7	6.5
SW	.0	.6	.1	7.2	.0	.3	.0	.0	.0	.0	.0	.0	.0	.3	.1	8.4	7.4
WSW	.0	.9	.0	2.7	.0	.3	.0	.3	.0	.3	.0	.0	.0	.6	.0	5.1	10.9
W	.0	1.8	.0	2.7	.0	.0	.0	.3	.0	.0	.0	.3	.0	.0	.0	5.1	6.9
WNW	.0	.9	.0	3.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5	6.3
NW	.0	.6	.0	2.7	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	7.9
N'W	.0	.3	.0	3.3	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	4.2	8.7
CALM	.1	12.3													.1	12.3	
TOTAL	.2	28.5	.6	65.8	.0	3.3	.0	.9	.0	.3	.0	.3	.0	.9	.9	100	6.1

LEX LEXINGTON, KY

CLASS 7

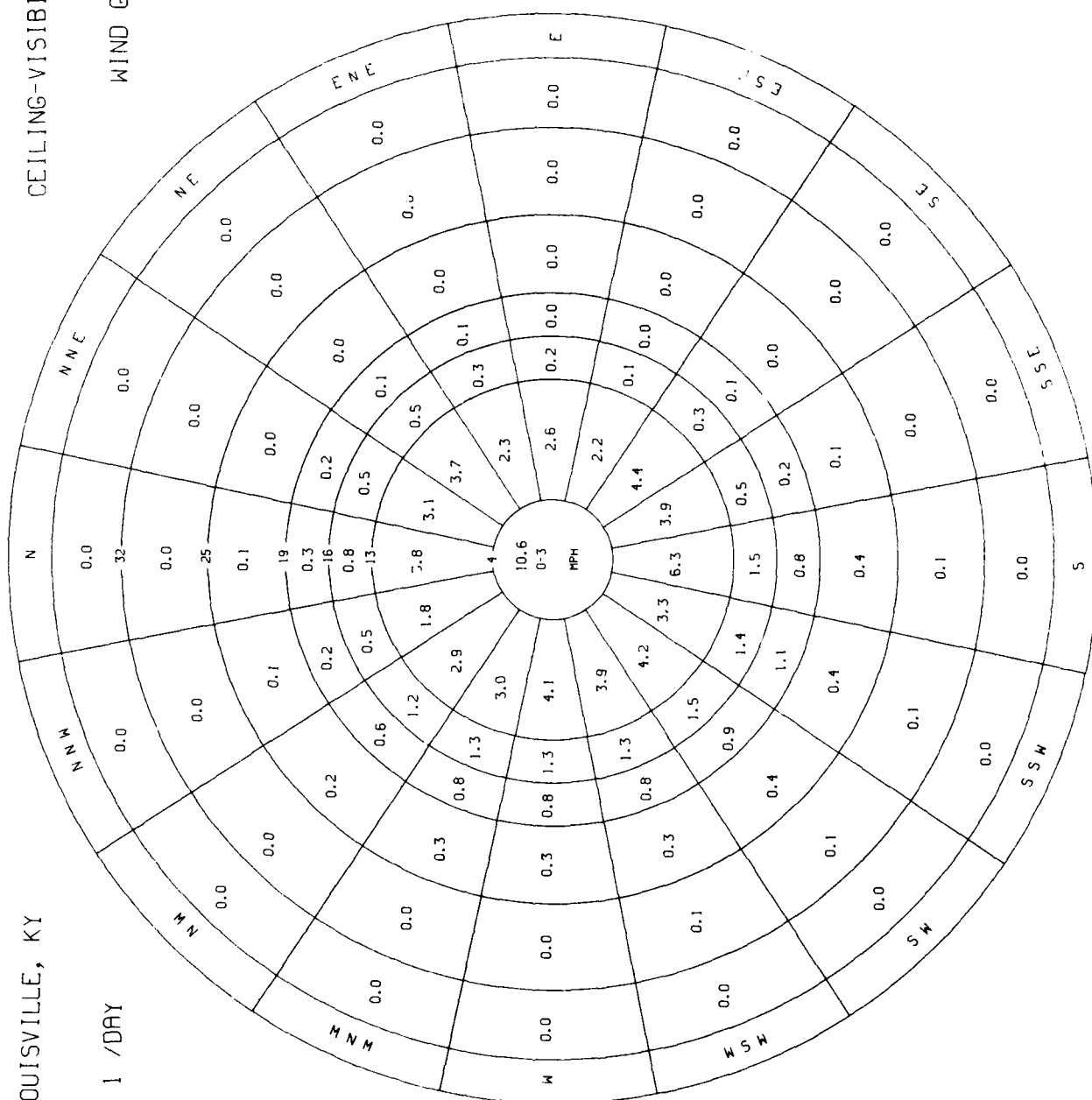
CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY

WIND GRAPH



LOU LOUISVILLE, KY

CLASS 1 /DAY

PRECEDING PAGE BLANK-NOT FILLED

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LOU LOUISVILLE, KY

PERIOD: 1948-1978

CLASS 1 / DAY

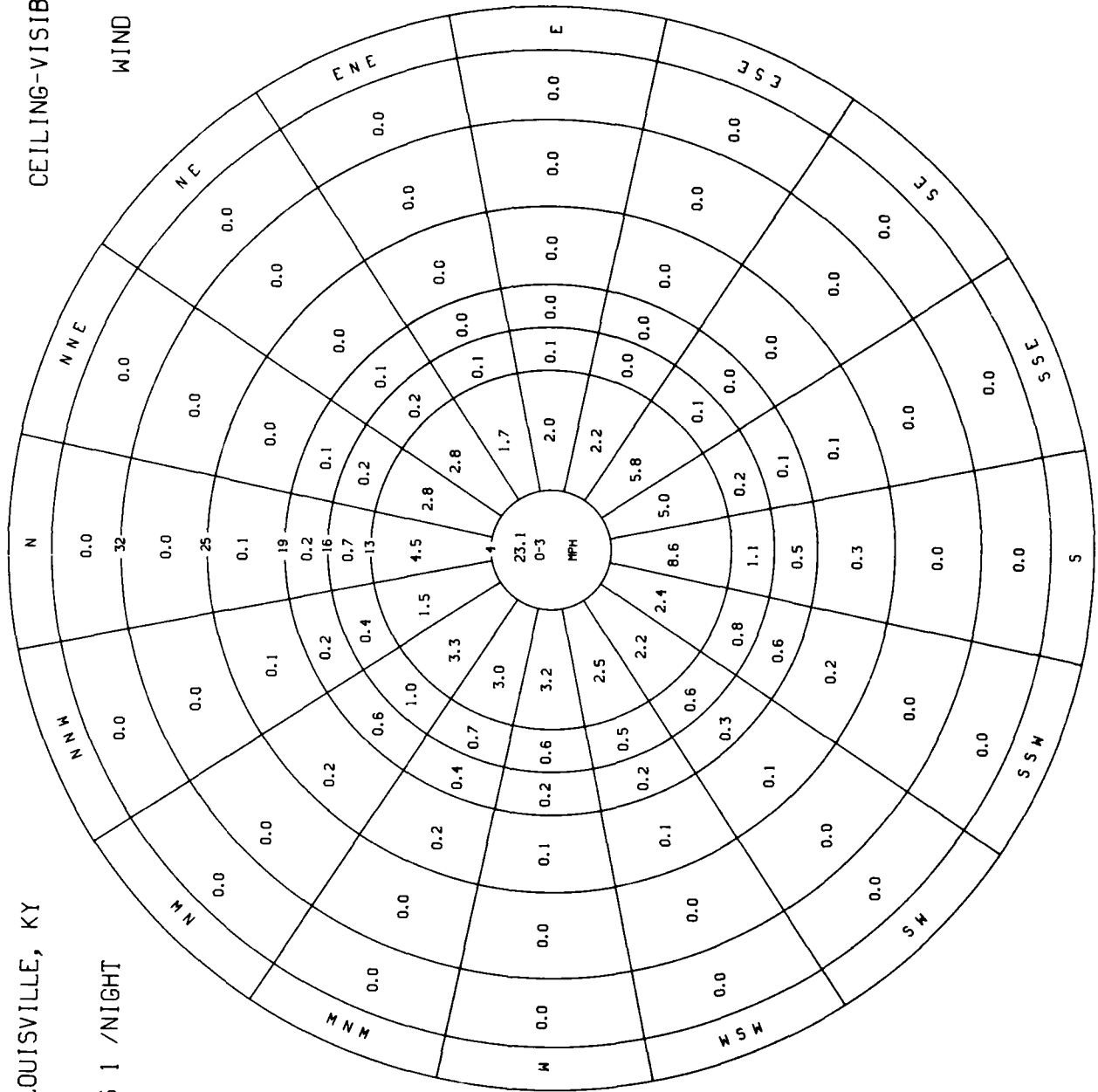
STATION NUMBER: 93821

NO. OBS.: 43848

D I R	SPEED GROUPS (MPH)																AVE WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
															C	D	
N	.5	.6	3.8	4.2	.8	.9	.3	.4	.1	.1	.0	.0	.0	.0	5.5	6.2	9.3
NNE	.3	.3	3.1	3.5	.5	.5	.2	.2	.0	.0	.0	.0	.0	.0	4.1	4.6	8.7
NE	.6	.7	3.7	4.2	.5	.5	.1	.2	.0	.0	.0	.0	.0	.0	5.0	5.6	8.1
ENE	.3	.4	2.3	2.6	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	3.0	3.4	8.2
E	.7	.8	2.6	2.9	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	3.6	4.0	7.1
ESE	.7	.8	2.2	2.5	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	3.0	3.4	6.4
SE	1.4	1.5	4.4	5.0	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	6.2	6.9	6.6
SSE	.8	.9	3.9	4.4	.5	.5	.2	.2	.1	.1	.0	.0	.0	.0	5.5	6.1	8.0
S	.9	1.0	6.3	7.0	1.5	1.7	.8	.9	.4	.4	.1	.1	.0	.0	9.9	11.1	9.9
SSW	.3	.3	3.3	3.7	1.4	1.6	1.1	1.2	.4	.5	.1	.1	.0	.0	6.6	7.4	12.1
SW	.4	.5	4.2	4.7	1.5	1.7	.9	1.0	.4	.4	.1	.1	.0	.0	5.5	6.4	11.3
WSW	.2	.3	3.9	4.3	1.3	1.5	.8	.9	.3	.3	.1	.1	.0	.0	6.5	7.3	11.3
W	.4	.4	4.1	4.6	1.3	1.5	.8	.9	.3	.3	.0	.0	.0	.0	6.9	7.7	10.8
WNW	.2	.3	3.0	3.3	1.3	1.5	.8	.9	.3	.4	.0	.0	.0	.0	5.6	6.3	11.7
NW	.4	.4	2.9	3.3	1.2	1.3	.6	.6	.2	.2	.0	.0	.0	.0	5.2	5.9	10.9
NNW	.2	.2	1.8	2.0	.5	.6	.2	.3	.1	.1	.0	.0	.0	.0	2.8	3.2	10.2
CALM	2.3	2.5													2.3	2.5	
TOTAL	10.6	11.9	55.5	62.2	13.2	14.8	6.9	7.7	2.6	2.9	.4	.5	.1	.1	89.3	100	9.5

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LOU LOUISVILLE, KY

PERIOD: 1948-1978

CLASS 1 / NIGHT

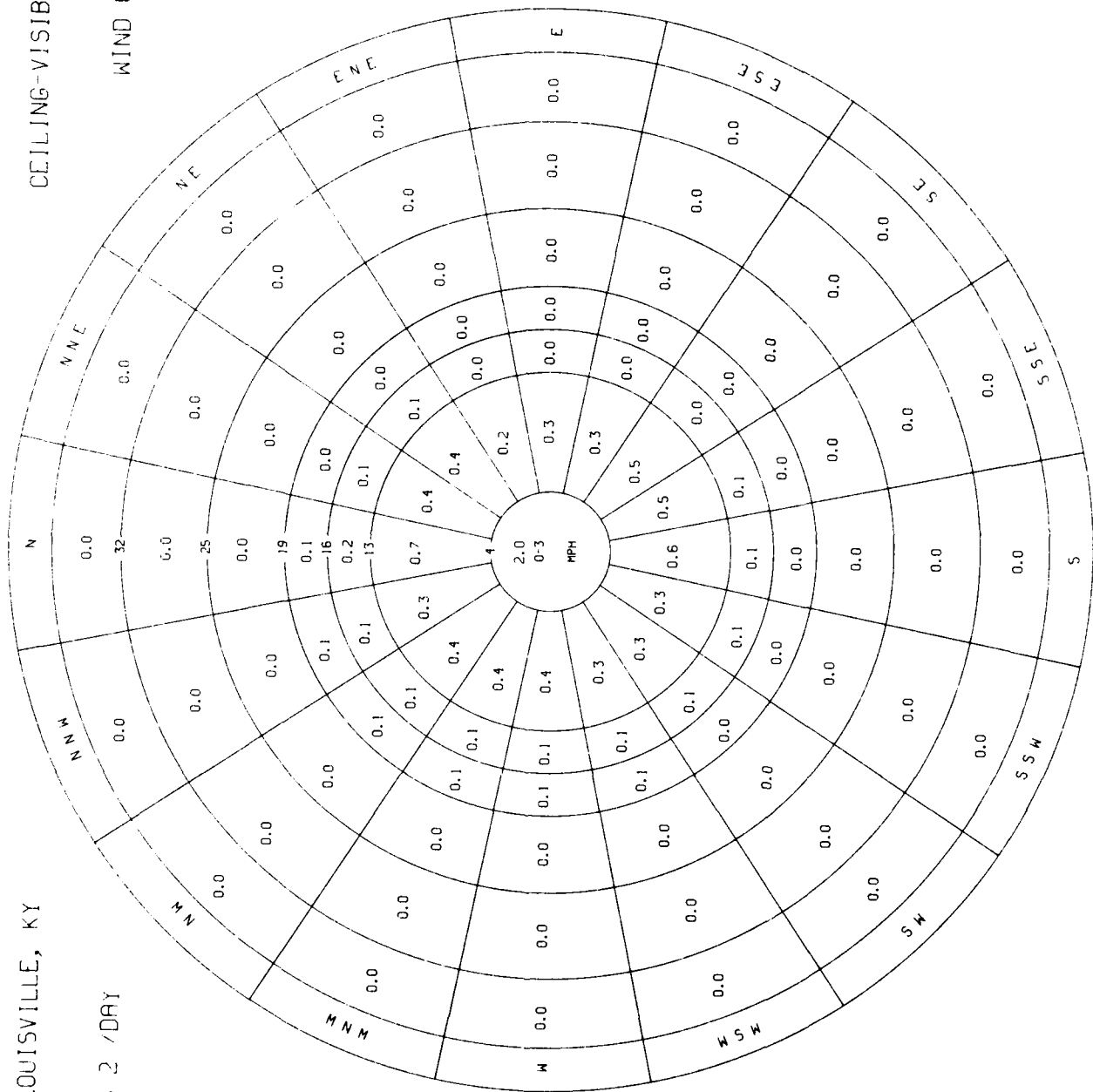
STATION NUMBER: 93821

NO. OBS.: 36793

D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	1.0	1.1	4.5	5.0	.7	.8	.2	.2	.1	.1	.0	.0	.0	.0	6.4	7.2	8.1
NNE	.5	.5	2.8	3.1	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	3.6	4.0	7.4
NE	.8	1.0	2.8	3.1	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0	4.0	4.5	6.9
ENE	.5	.5	1.7	2.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.3	2.6	6.6
E	1.2	1.3	2.0	2.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	3.2	3.6	5.5
ESE	1.3	1.5	2.2	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	4.0	5.0
SE	3.0	3.4	5.8	6.5	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	9.0	10.1	5.4
SSE	2.0	2.3	5.0	5.7	.2	.3	.1	.1	.1	.1	.0	.0	.0	.0	7.5	8.4	6.2
S	2.2	2.5	8.6	9.7	1.1	1.2	.5	.5	.3	.3	.0	.1	.0	.0	12.7	14.3	7.8
SSW	.3	.4	2.4	2.8	.8	.8	.6	.6	.2	.2	.0	.0	.0	.0	4.3	4.9	10.8
SW	.4	.5	2.2	2.5	.6	.6	.3	.4	.1	.2	.0	.0	.0	.0	3.6	4.1	9.9
WSW	.2	.3	2.5	2.8	.5	.6	.2	.3	.1	.1	.0	.0	.0	.0	3.5	4.0	9.4
W	.4	.5	3.2	3.6	.6	.7	.2	.3	.1	.1	.0	.0	.0	.0	4.6	5.2	8.9
WNW	.4	.4	3.0	3.3	.7	.7	.4	.5	.2	.2	.0	.0	.0	.0	4.6	5.2	10.0
NW	.6	.7	3.3	3.7	1.0	1.1	.6	.6	.2	.2	.0	.0	.0	.0	5.6	6.3	10.0
NNW	.4	.4	1.5	1.7	.4	.5	.2	.2	.1	.1	.0	.0	.0	.0	2.6	2.9	9.2
CALM	7.7	8.7													7.7	8.7	
TOTAL	23.1	26.0	53.5	60.2	7.1	8.0	3.6	4.1	1.3	1.5	.2	.2	.0	.0	88.8	100	7.1

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LOU LOUISVILLE, KY

PERIOD: 1942-1978

CLASS 2 / DAY

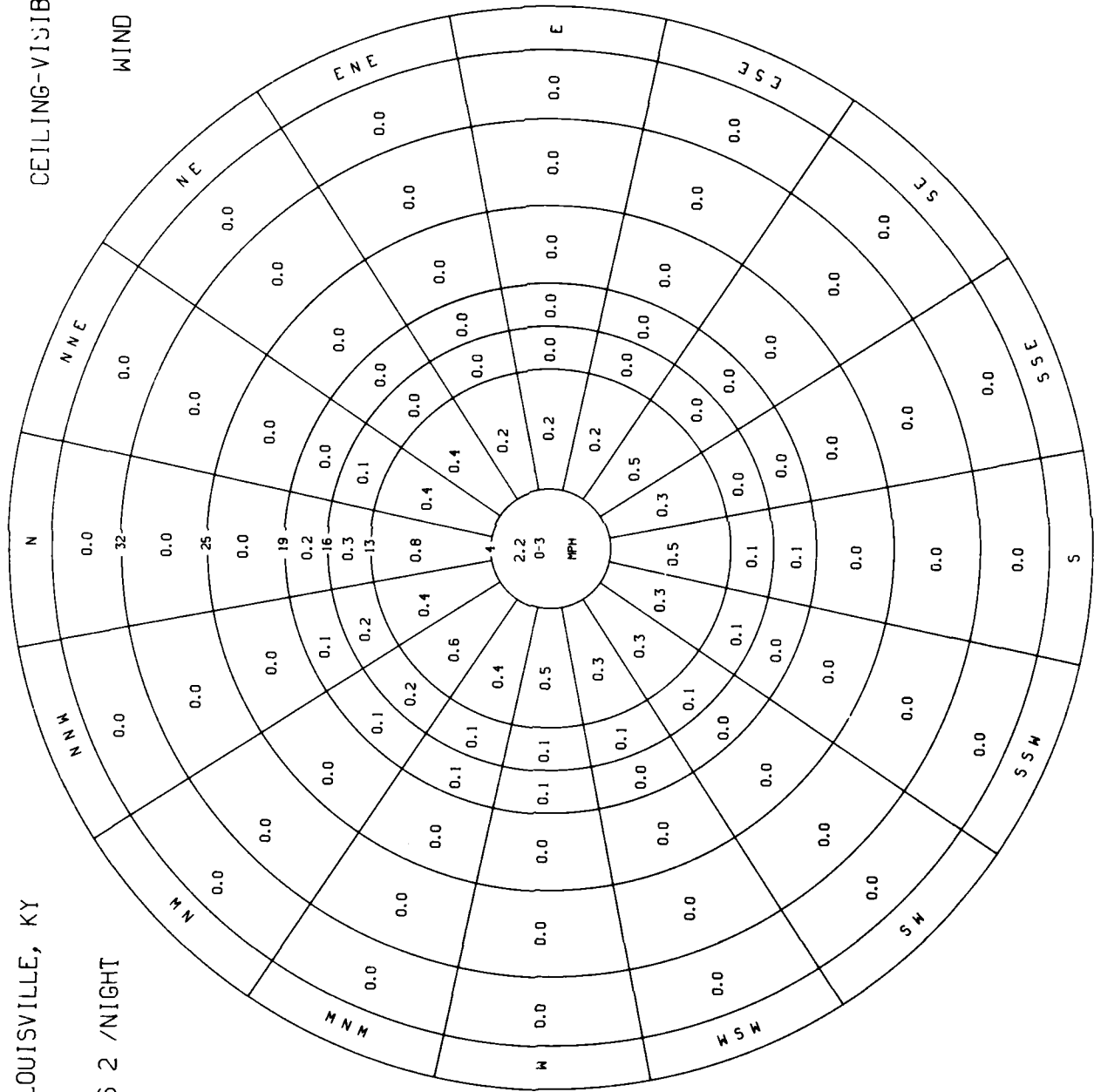
STATION NUMBER: 93821

NO. OBS.: 5270

D I R	SPEED GROUPS (MPH)															AVG WIND SPEED
	0-3			4-12			13-15			16-18			19-24			TOTAL
	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	
N	.1	1.0		.7	6.5		.2	2.1		.1	.9		.0	.0	.0	1.2 10.8
NNE	.0	.4		.4	4.0		.1	.8		.0	.2		.0	.0	.0	.6 5.3
NNE	.1	1.0		.4	3.8		.1	.6		.0	.2		.0	.0	.0	.6 5.6
ENE	.1	.6		.2	2.3		.0	.3		.0	.1		.0	.0	.0	.3 3.4
E	.1	.9		.3	2.5		.0	.2		.0	.0		.0	.0	.0	.4 3.8
ESE	.1	1.1		.3	2.7		.0	.2		.0	.1		.0	.0	.0	.5 4.3
SE	.2	2.1		.5	4.7		.0	.3		.0	.1		.0	.0	.0	.8 7.4
SSE	.2	1.4		.5	4.9		.1	.6		.0	.1		.0	.0	.0	.8 7.0
S	.2	1.4		.6	5.6		.1	.9		.0	.4		.0	.0	.0	.9 8.5
SSW	.0	.3		.3	2.7		.1	.9		.0	.4		.1	.0	.0	.5 4.4
SW	.0	.5		.3	3.0		.1	.9		.0	.3		.0	.0	.0	.5 4.6
WSW	.1	.5		.3	3.2		.1	.8		.0	.3		.0	.0	.0	.6 5.2
W	.0	.4		.4	4.2		.1	.9		.0	.6		.0	.0	.0	.7 6.2
WNW	.0	.3		.4	3.3		.1	.8		.0	.5		.0	.0	.0	.6 5.7
NW	.1	.5		.4	3.9		.1	.5		.0	.3		.0	.0	.0	.7 6.7
NNW	.0	.2		.3	2.6		.1	1.4		.0	.2		.0	.0	.0	.5 5.0
CALM	.7	6.1								.7	6.1		.0	.0	.0	.7 6.1
TOTAL	2.0	18.9		6.4	60.1		1.4	13.0		.7	6.1		.0	.0	.0	10.7 100
																8.4

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LOU LOUISVILLE, KY

PERIOD: 1948-1978

CLASS 2 / NIGHT

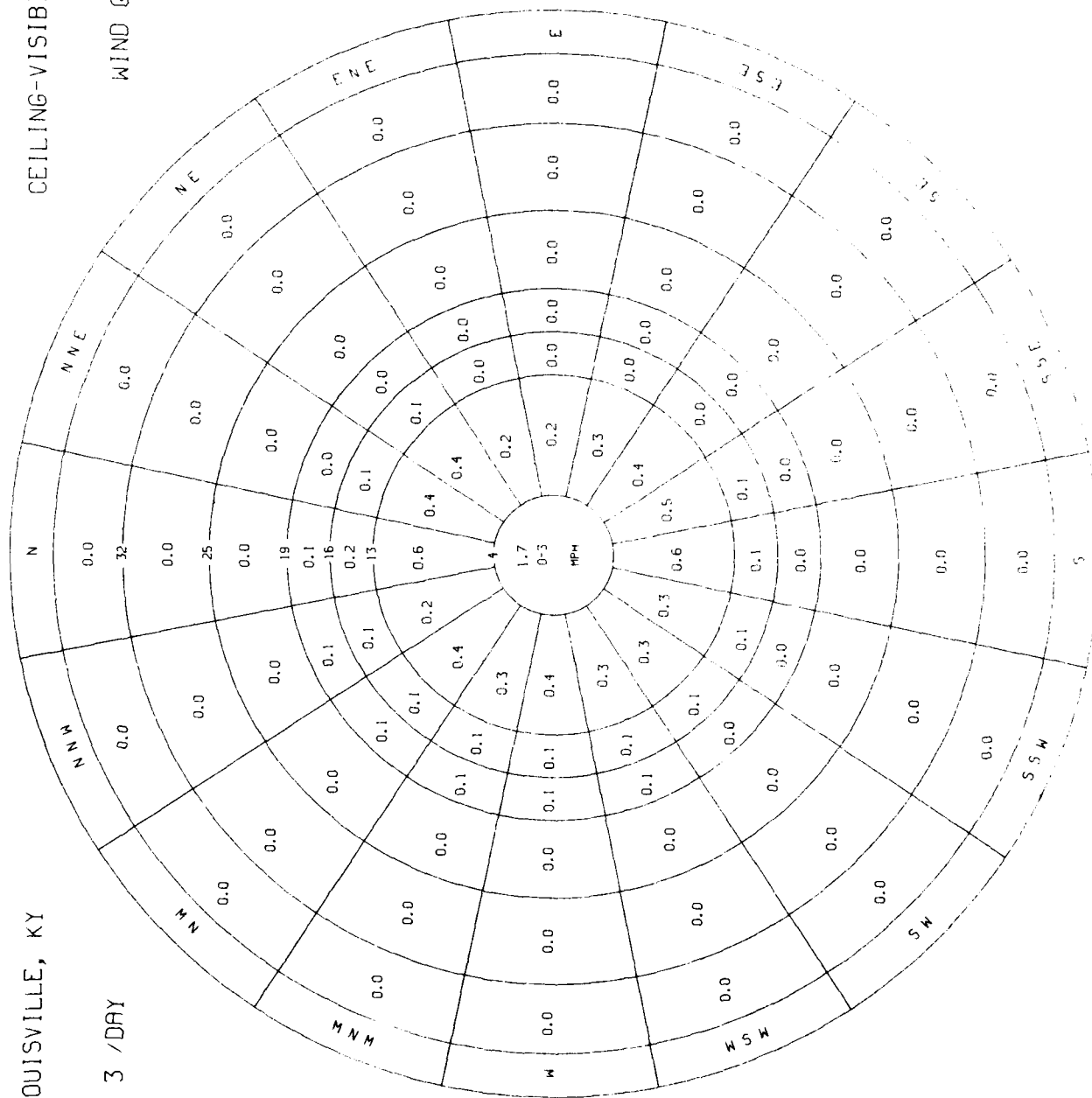
STATION NUMBER: 93821

NO. OBS.: 4659

D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	.1	1.1	.8	7.5	.3	2.6	.2	1.4	.0	.3	.0	.1	.0	.0	1.5	12.9	10.3
NNE	.1	.6	.4	4.0	.1	.6	.0	.1	.0	.1	.0	.0	.0	.0	.6	5.4	8.1
NE	.1	1.0	.4	3.8	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.6	5.3	7.2
ENE	.1	.7	.2	2.1	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.4	3.2	7.2
E	.1	.8	.2	2.1	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.3	3.1	6.4
ESE	.1	1.2	.2	1.9	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.4	3.3	5.6
SE	.2	1.6	.5	4.2	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.7	6.1	6.1
SSE	.1	1.0	.3	3.0	.0	.4	.0	.2	.0	.2	.0	.0	.0	.0	.5	4.8	7.8
S	.2	1.4	.5	4.7	.1	.6	.1	.5	.0	.1	.0	.0	.0	.0	.8	7.4	8.2
SSW	.1	.5	.3	2.5	.1	.5	.0	.3	.0	.1	.0	.0	.0	.0	.4	4.0	9.8
SW	.1	.6	.3	2.5	.1	.6	.0	.4	.0	.1	.0	.0	.0	.0	.5	4.3	9.4
WSW	.1	.5	.3	2.9	.1	.7	.0	.3	.0	.1	.0	.0	.0	.0	.5	4.6	9.5
W	.1	.6	.5	4.1	.1	1.3	.1	.8	.0	.2	.0	.1	.0	.0	.8	7.2	10.6
WNW	.1	.5	.4	3.9	.1	1.2	.1	.8	.0	.2	.0	.0	.0	.0	.8	6.7	10.6
NW	.1	.6	.6	5.2	.2	1.9	.1	1.1	.0	.4	.0	.0	.0	.0	1.0	9.2	10.9
NNW	.1	.5	.4	3.3	.2	1.5	.1	.9	.0	.3	.0	.0	.0	.0	.7	6.6	11.3
CALM	.7	6.1													.7	6.1	
TOTAL	2.2	19.4	6.5	57.9	1.5	13.1	.8	7.0	.2	2.2	.0	.4	.0	.0	11.2	100	8.5

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LOU LOUISVILLE, KY

PERIOD: 1948-1978

CLASS 3 / DAY

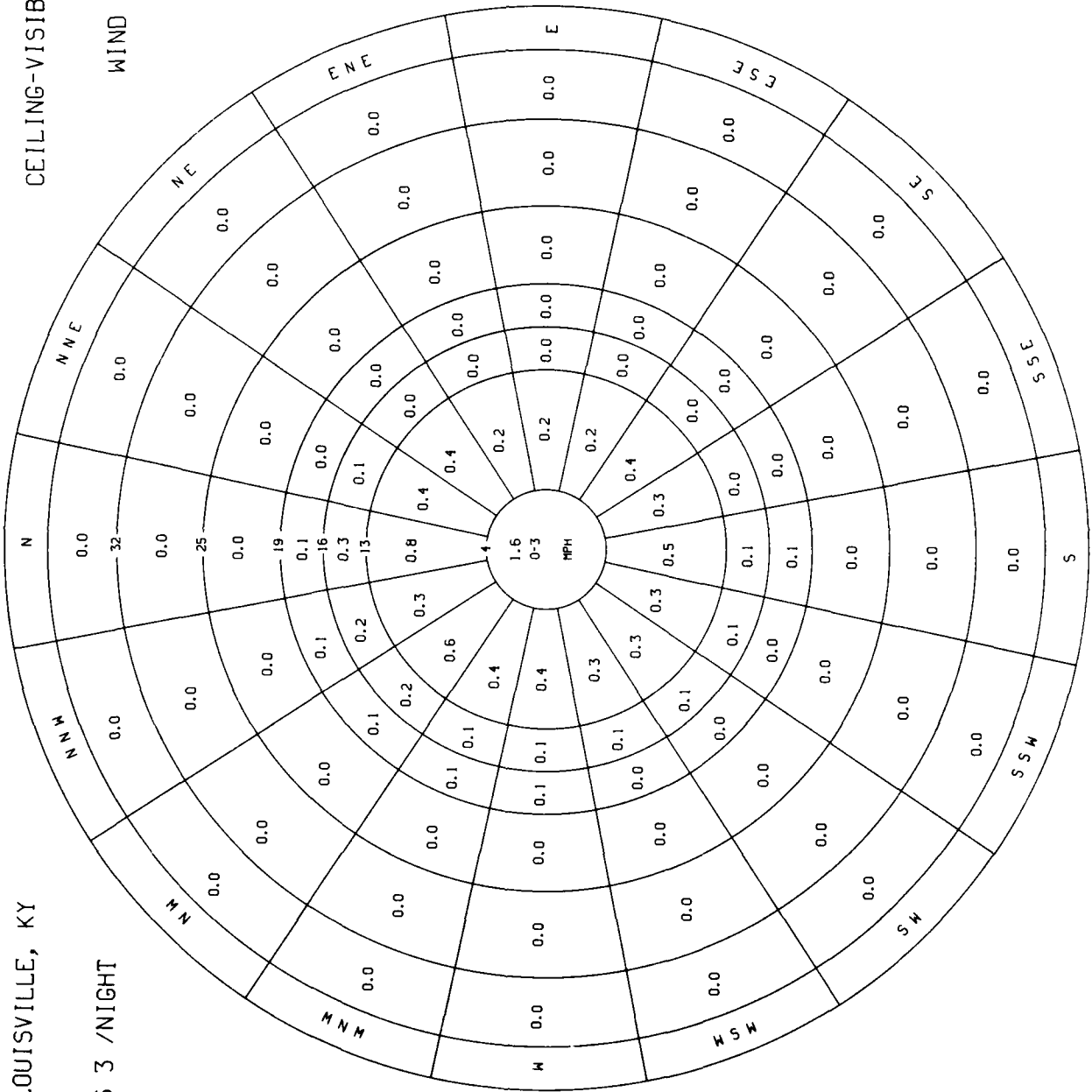
STATION NUMBER: 93821

NO. OBS.: 4781

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.1	.9	.6	6.6	.2	2.1	.1	.8	.0	.3	.0	.0	.0	.0	1.0 10.6
NNE	.3	.3	.4	4.0	.1	.8	.0	.3	.0	.1	.0	.0	.0	.0	.5 5.4
N E	.1	.8	.4	3.9	.1	.6	.0	.2	.0	.0	.0	.0	.0	.0	.5 5.5
ENE	.1	.5	.2	2.2	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.3 3.1
E	.1	.9	.2	2.5	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.4 3.6
ESE	.1	1.1	.3	2.9	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.4 4.2
SE	.2	2.0	.4	4.6	.0	.4	.0	.1	.0	.1	.0	.0	.0	.0	.7 7.2
SSE	.1	1.5	.5	4.7	.1	.6	.0	.1	.0	.1	.0	.0	.0	.0	.7 7.1
S	.1	1.3	.6	5.8	.1	1.0	.0	.5	.0	.1	.0	.0	.0	.0	.8 8.7
SSW	.0	.3	.3	2.8	.1	1.0	.0	.4	.0	.1	.0	.0	.0	.0	.5 4.6
SW	.0	.4	.3	3.3	.1	.8	.0	.3	.0	.0	.0	.0	.0	.0	.5 4.8
WSW	.0	.4	.3	3.5	.1	.9	.1	.5	.0	.1	.0	.0	.0	.0	.5 5.5
W	.0	.4	.4	4.4	.1	.8	.1	.6	.0	.3	.0	.0	.0	.0	.6 6.5
WNW	.0	.3	.3	3.6	.1	1.1	.1	.8	.0	.3	.0	.0	.0	.0	.6 6.1
NW	.0	.4	.4	3.9	.1	1.4	.1	.8	.0	.1	.0	.0	.0	.0	.6 6.7
NNW	.0	.2	.2	2.5	.1	1.3	.1	.7	.0	.2	.0	.0	.0	.0	.5 4.9
CALM	.5	5.4													.5 5.4
TOTAL	1.7	17.0	6.0	61.1	1.3	13.6	.6	6.3	.2	1.4	.0	.1	.0	.0	9.7 100

LOU LOUISVILLE, KY
 CLASS 3 /NIGHT

CEILING-VISIBILITY
 WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LOU LOUISVILLE, KY

PERIOD: 1948-1978

CLASS 3 / NIGHT

STATION NUMBER: 93821

NO. OBS.: 4155

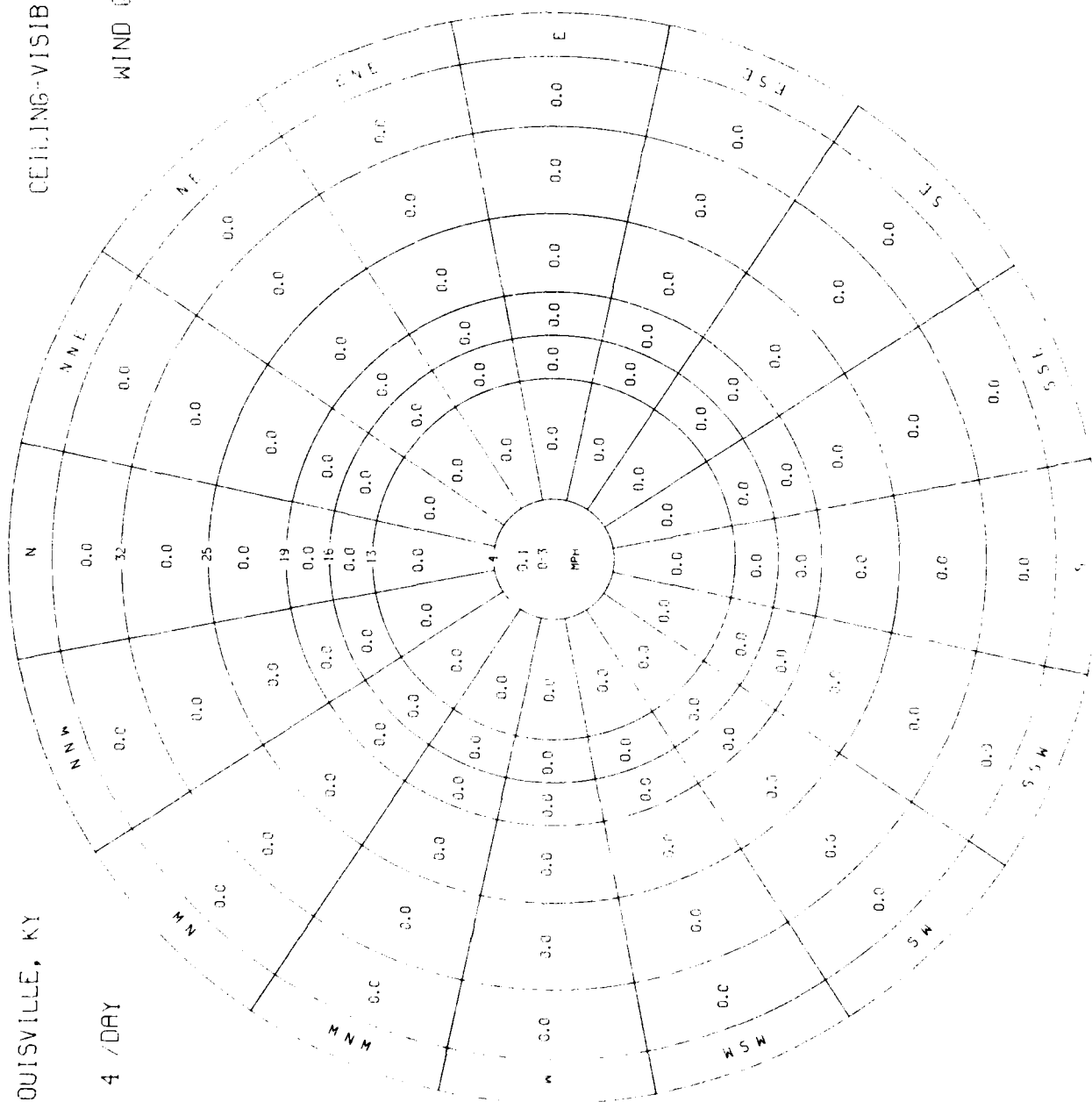
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.1	1.1	.8	7.5	.3	2.8	.1	1.5	.0	.3	.0	.1	.0	.0	1.3 13.3
NNE	.1	.6	.4	3.9	.1	.6	.0	.1	.0	.1	.0	.0	.0	.0	.5 5.2
NE	.1	.8	.4	3.9	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.5 5.2
ENE	.1	.6	.2	2.1	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.3 3.0
E	.1	.6	.2	2.3	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.3 3.1
ESE	.1	.9	.2	1.8	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.3 2.9
SE	.1	1.3	.4	3.9	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.6 5.6
SSE	.1	.8	.3	2.9	.0	.4	.0	.2	.0	.2	.0	.0	.0	.0	.5 4.5
S	.1	1.1	.5	4.9	.1	.7	.1	.5	.0	.1	.0	.0	.0	.0	.7 7.3
SSW	.0	.5	.3	2.7	.1	.6	.0	.3	.0	.1	.0	.0	.0	.0	.4 4.2
SW	.1	.6	.3	2.7	.1	.7	.0	.4	.0	.1	.0	.0	.0	.0	.5 4.5
WSW	.1	.5	.3	3.1	.1	.8	.0	.3	.0	.1	.0	.0	.0	.0	.5 4.9
W	.1	.6	.4	4.5	.1	1.5	.1	.8	.0	.3	.0	.1	.0	.0	.8 7.7
WNW	.0	.4	.4	4.3	.1	1.3	.1	.9	.0	.3	.0	.0	.0	.0	.7 7.2
NW	.1	.6	.6	5.6	.2	2.0	.1	1.2	.0	.5	.0	.0	.0	.0	1.0 9.9
NNW	.0	.4	.3	3.3	.2	1.7	.1	.9	.0	.3	.0	.0	.0	.0	.7 6.7
CALM	.5	4.7													.5 4.7
TOTAL	1.6	16.1	5.9	59.3	1.4	14.3	.8	7.6	.2	2.3	.0	.5	.0	.0	10.0 100
															9.0

LOU LOUISVILLE, KY

CLASS 4 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LOU LOUISVILLE, KY

PERIOD: 1948-1978

CLASS 4 / DAY

STATION NUMBER: 93821

NO. OBS.: 318

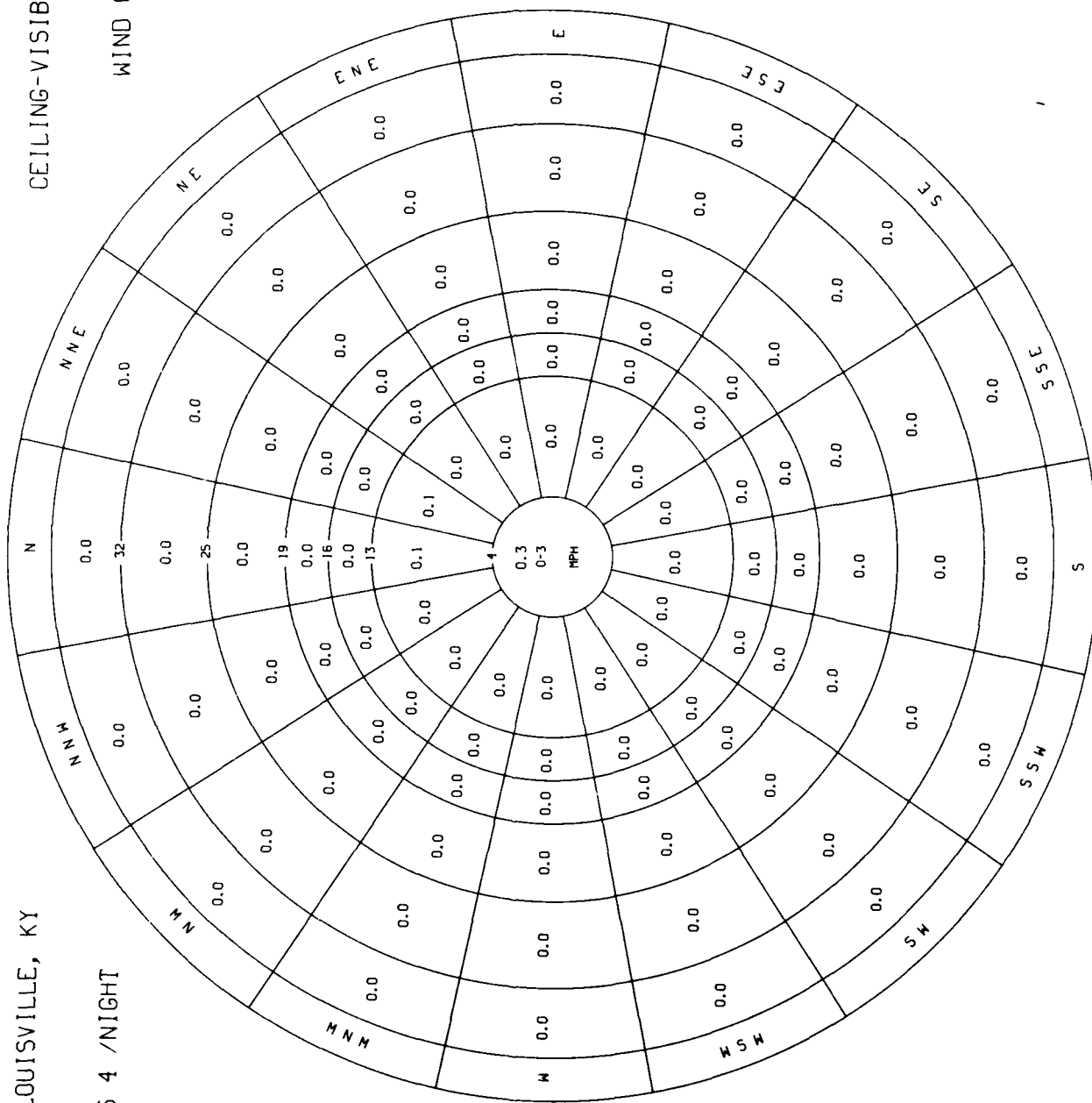
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D
N	.0	2.2	.0	6.3	.0	2.8	.0	1.6	.0	.9	.0	.0	.0	.0	.0	.1	13.8	10.2
NNE	.0	1.6	.0	3.8	.0	.9	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	6.6	8.2
NE	.0	2.5	.0	3.5	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	6.6	6.5
ENE	.0	.6	.0	3.8	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0	7.2
E	.0	1.3	.0	4.1	.0	.3	.0	.3	.0	.0	.0	.0	.3	.0	.0	.0	6.3	8.4
ESE	.0	.9	.0	4.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.3	6.1
SE	.0	1.3	.0	6.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.9	6.0
SSE	.0	.3	.0	6.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.3	6.1
S	.0	1.6	.0	4.7	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	6.6	5.5
SSW	.0	.6	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	5.7
SW	.0	.9	.0	.6	.0	.6	.0	.9	.0	.0	.0	.3	.0	.0	.0	.0	3.5	11.5
WSW	.0	.6	.0	1.6	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	2.5	7.9
W	.0	.6	.0	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	5.7
WNW	.0	.3	.0	1.6	.0	.3	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	2.5	9.4
NW	.0	1.6	.0	5.0	.0	.9	.0	.3	.0	.6	.0	.0	.0	.0	.0	.1	8.5	8.7
NNW	.0	.0	.0	4.7	.0	2.2	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	7.5	10.9
CALM	.0	5.7														.0	5.7	
TOTAL	.1	22.6	.4	60.7	.1	8.8	.0	4.4	.0	2.8	.0	.3	.0	.3	.0	.6	100	7.5

LOU LOUISVILLE, KY

CLASS 4 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LOU LOUISVILLE, KY

PERIOD: 1948-1978

CLASS 4 / NIGHT

STATION NUMBER: 93821

NO. OBS.: 316

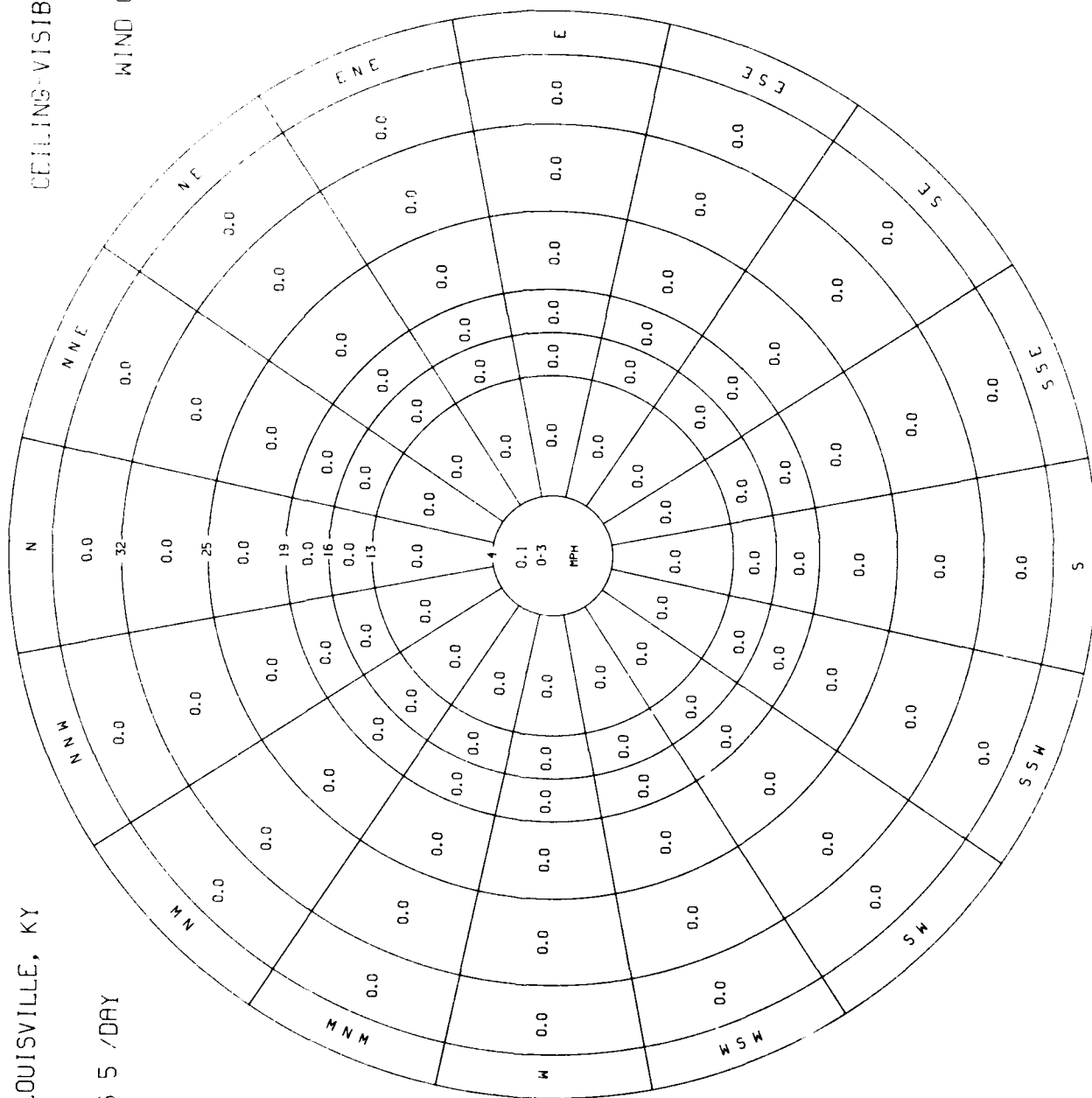
D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	.0	1.9	.1	8.9	.0	2.2	.0	.3	.0	.6	.0	.0	.0	.0	.1	13.9	8.9
NNE	.0	1.3	.1	6.6	.0	.9	.0	.3	.0	.0	.0	.0	.0	.0	.1	9.2	7.7
NE	.0	2.2	.0	3.5	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0	6.0
ENE	.0	1.9	.0	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7	5.0
E	.0	2.2	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	4.0
ESE	.0	1.6	.0	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.4	5.1
SE	.0	3.2	.0	5.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	8.9	5.1
SSE	.0	.3	.0	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	5.9
S	.0	2.8	.0	3.2	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	6.3	5.1
SSW	.0	.6	.0	1.6	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	2.5	7.1
SW	.0	1.6	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	4.4
WSW	.0	.3	.0	1.9	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	7.1
W	.0	1.3	.0	2.2	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	3.8	6.6
WNW	.0	.3	.0	1.6	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	2.2	7.9
NW	.0	.9	.0	3.2	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	4.7	7.5
NNW	.0	1.6	.0	4.7	.0	.3	.0	1.3	.0	.9	.0	.0	.0	.0	.1	8.9	9.7
CALM	.1	10.4													.1	10.4	
TOTAL	.3	34.5	.4	56.0	.0	4.4	.0	3.5	.0	1.6	.0	.0	.0	.0	.8	100	6.1

LOU LOUISVILLE, KY

CLASS 5 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LOU LOUISVILLE, KY

PERIOD: 1948-1978

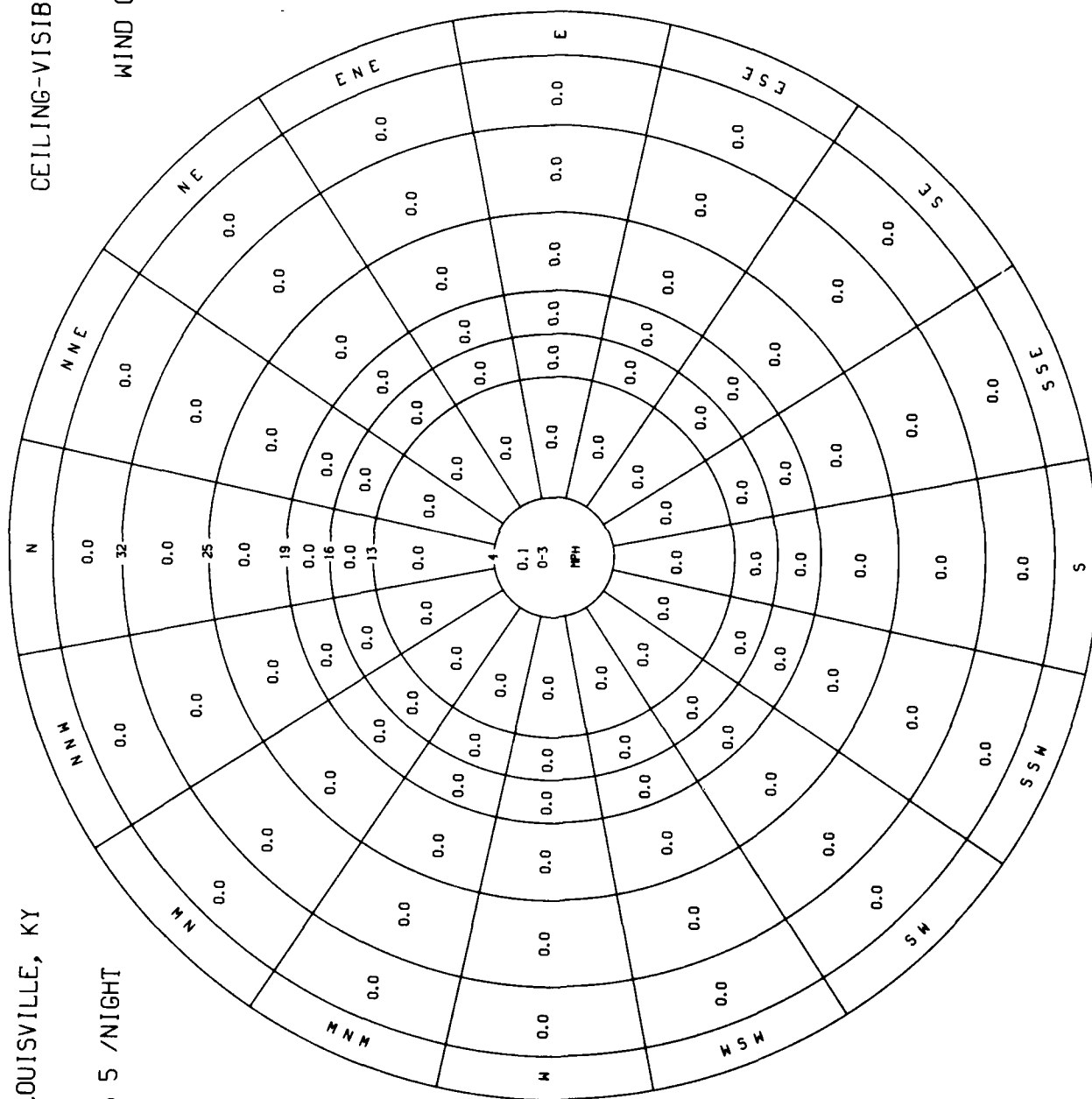
CLASS 5 / DAY

STATION NUMBER: 93821

NO. OBS.: 71

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	2.8	.0	2.8	.0	2.8	.0	4.2	.0	1.4	.0	.0	.0	.0	.0	14.1	11.5
NNE	.0	1.4	.0	.0	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	8.5
NE	.0	4.2	.0	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.0	5.0
ENE	.0	1.4	.0	1.4	.0	.0	.0	.0	.0	1.4	.0	.0	.0	.0	.0	4.2	11.7
E	.0	1.4	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	4.5
ESE	.0	1.4	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	4.5
SE	.0	4.2	.0	5.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.9	4.7
SSE	.0	.0	.0	4.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	7.0
S	.0	4.2	.0	1.4	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.0	5.4
SSW	.0	.0	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	8.0
SW	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	3.0
WSW	.0	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	2.0
W	.0	.0	.0	1.4	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	10.0
WNW	.0	.0	.0	.0	.0	.0	.0	2.8	.0	.0	.0	.0	.0	.0	.0	2.8	17.0
NW	.0	1.4	.0	4.2	.0	.0	.0	1.4	.0	1.4	.0	.0	.0	.0	.0	8.5	10.0
NNW	.0	.0	.0	1.4	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	10.0
CALM	.0	22.5												.0	22.5		
TOTAL	1	49.3	.0	29.6	.0	8.5	.0	8.5	.0	4.2	.0	.0	.0	.0	1	100	6.2

LOU LOUISVILLE, KY
 CLASS 5 /NIGHT
 CEILING-VISIBILITY
 WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LOU LOUISVILLE, KY

PERIOD: 1948-1978

CLASS 5 / NIGHT

STATION NUMBER: 93821

NO. OBS.: 61

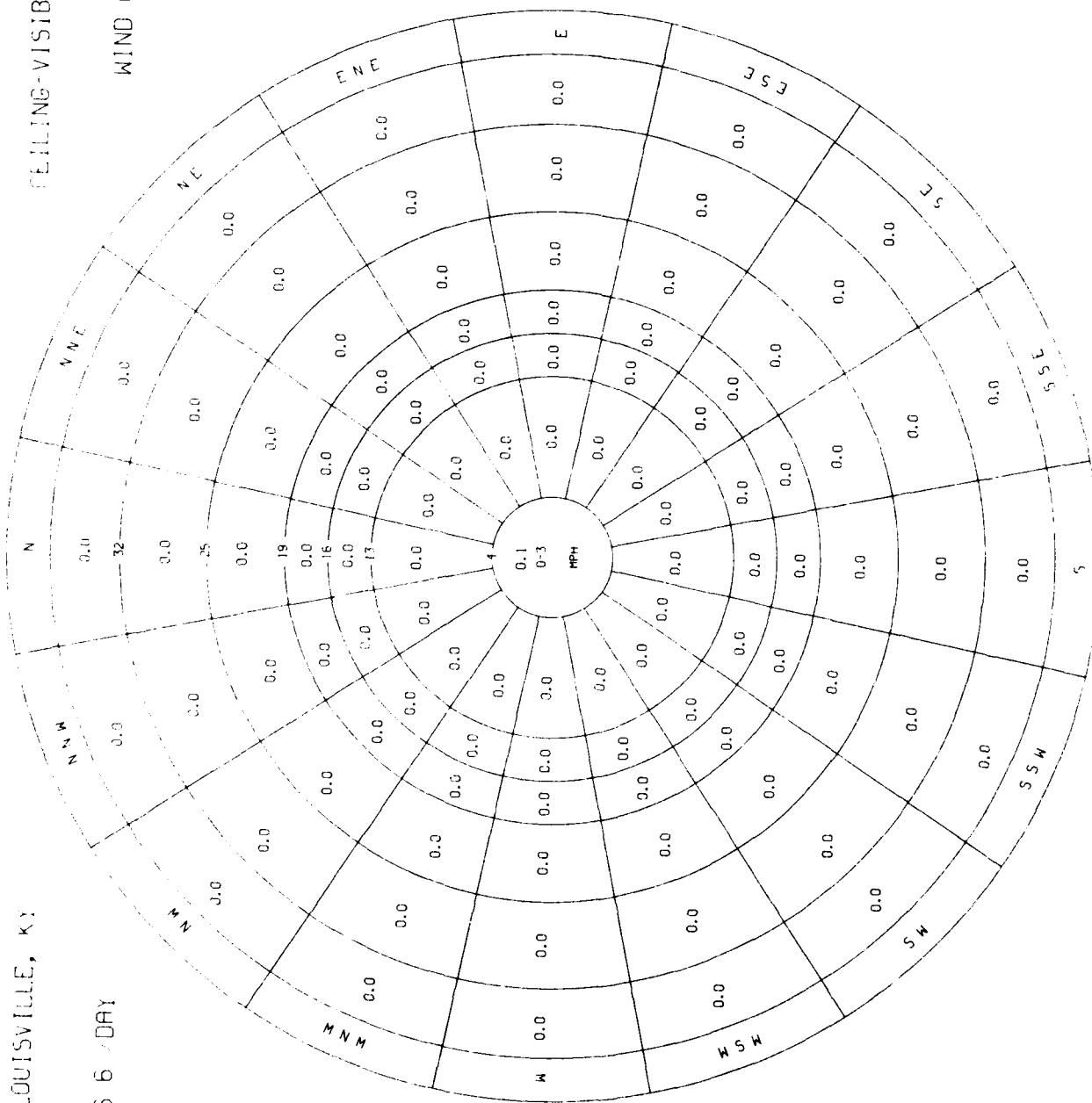
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.0	.0	4.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.9	7.0
NNE	.0	1.6	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	5.0
NE	.0	3.3	.0	4.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.2	4.8
ENE	.0	1.6	.0	4.9	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.2	8.4
E	.0	.0	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	9.0
ESE	.0	4.9	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.6	3.2
SE	.0	4.9	.0	6.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.5	5.1
SSE	.0	6.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.6	2.7
S	.0	8.2	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.5	3.4
SSW	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	3.0
SW	.0	1.6	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	4.5
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	.0	1.6	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	5.0
WNW	.0	4.9	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.6	3.5
NW	.0	.0	.0	.0	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	14.0
NNW	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	3.0
CALM	.0	18.0													.0	18.0	
TOTAL	1	60.7	1	36.1	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	1	100	4.1

LOU LOUISVILLE, KY

CLASS 6 / DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LOU LOUISVILLE, KY

PERIOD: 1948-1978

CLASS 6 / DAY

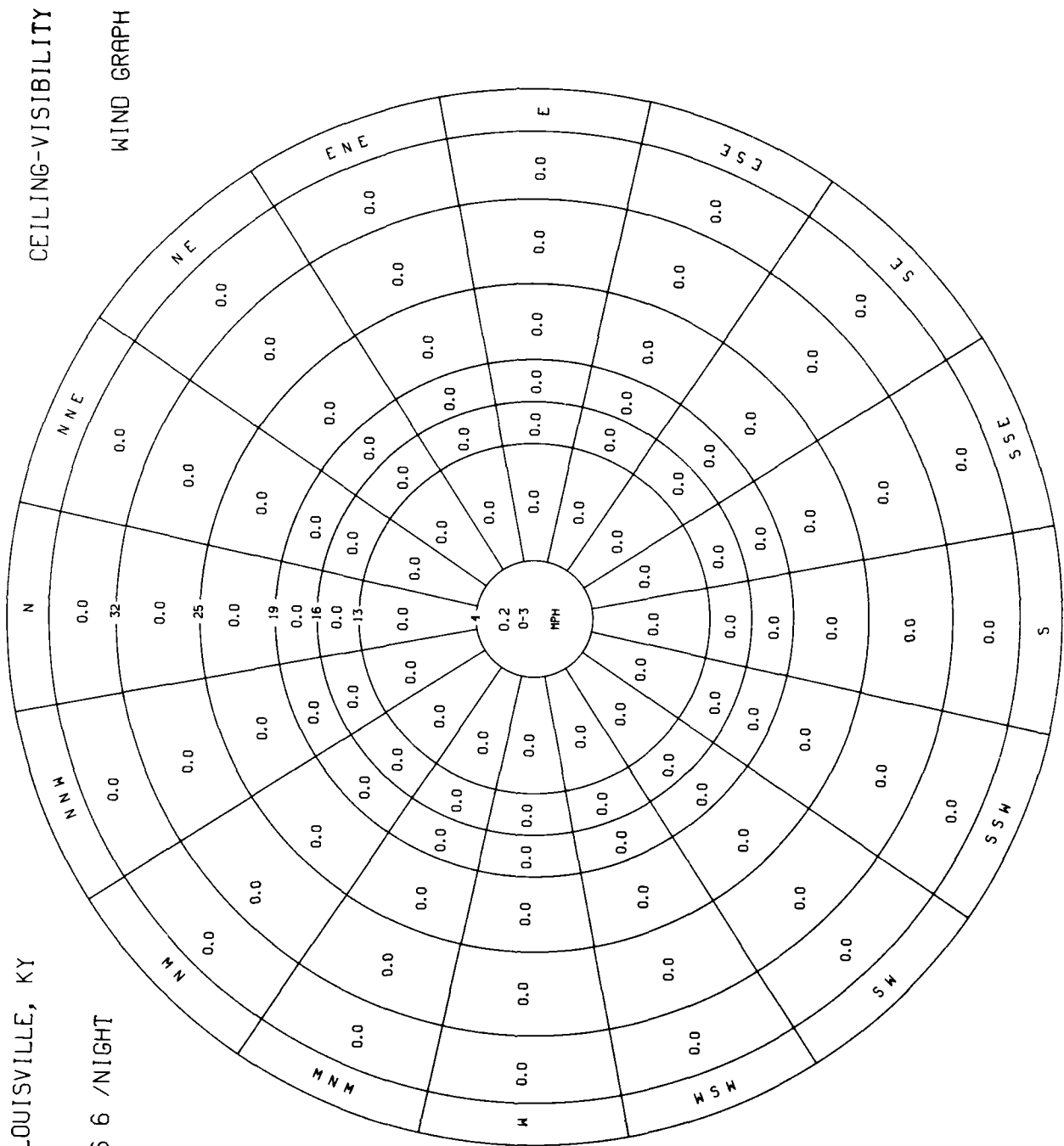
STATION NUMBER: 93521

NO. OBS.: 100

SPEED GROUPS (MPH)																	AVG WIND SPEED
0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL			
A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D		
N	.0	1.0	.0	4.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0	6.5	
NNE	.0	2.0	.0	4.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0	5.5	
N E	.0	4.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0	3.5	
ENE	.0	2.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	3.5	
E	.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	2.0	
ESE	.0	2.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	3.5	
EE	.0	7.0	.0	6.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	13.0	2.9	
ESE	.0	2.0	.0	7.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.0	5.5	
S	.0	6.0	.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.0	3.5	
SSW	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	6.0	
SW	.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	2.0	
WSW	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	9.5	
W	.0	1.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	2.0	10.5	
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
NW	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	3.0	
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	6.0	
CALM	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	.0	
TOTAL	1.55	.0	1.20	.0	.0	.0	.0	1.0	.0	1.0	.0	.0	.0	.0	3.0	3.5	

LOU LOUISVILLE, KY

CLASS 6 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LOU LOUISVILLE, KY

PERIOD: 1948-1978

CLASS 6 / NIGHT

STATION NUMBER: 93821

NO. OBS.: 127

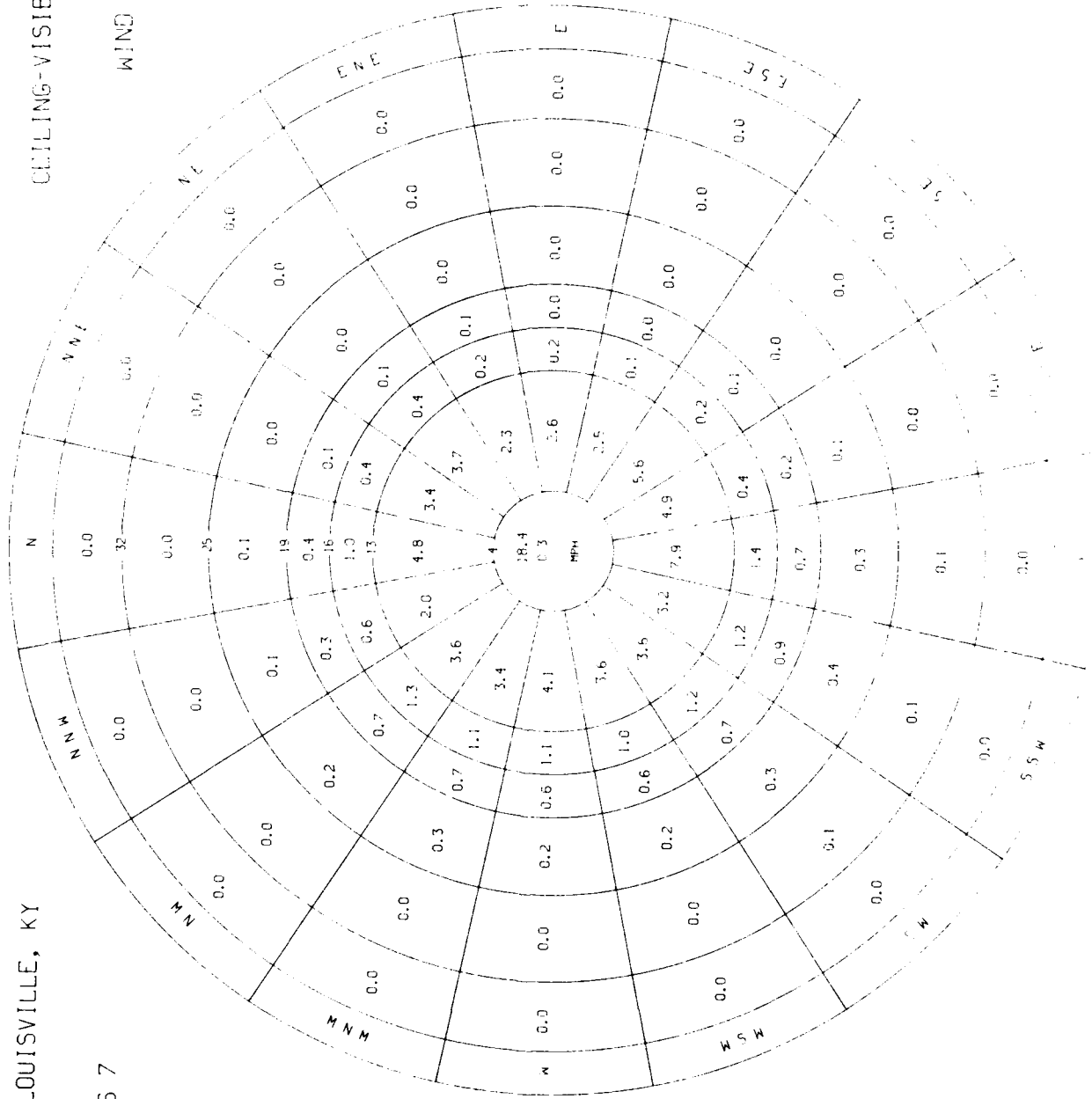
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C
N	.0	.0	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	7.2
NNE	.0	.8	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9	4.8
NE	.0	3.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9	2.2
ENE	.0	2.4	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	3.2
E	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	2.0
ESE	.0	7.9	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.4	3.3
SE	.0	7.1	.0	7.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15.0	4.1
SSE	.0	5.5	.0	7.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.6	4.5
S	.0	6.3	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.4	3.9
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WSW	.0	.8	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	4.0
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	.8	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	4.0
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.1	33.9													.1	33.9	
TOTAL	.2	71.7	.1	28.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3	100
																	2.6

LOU LOUISVILLE, KY

CLASS 7

CEILING-VISIBILITY

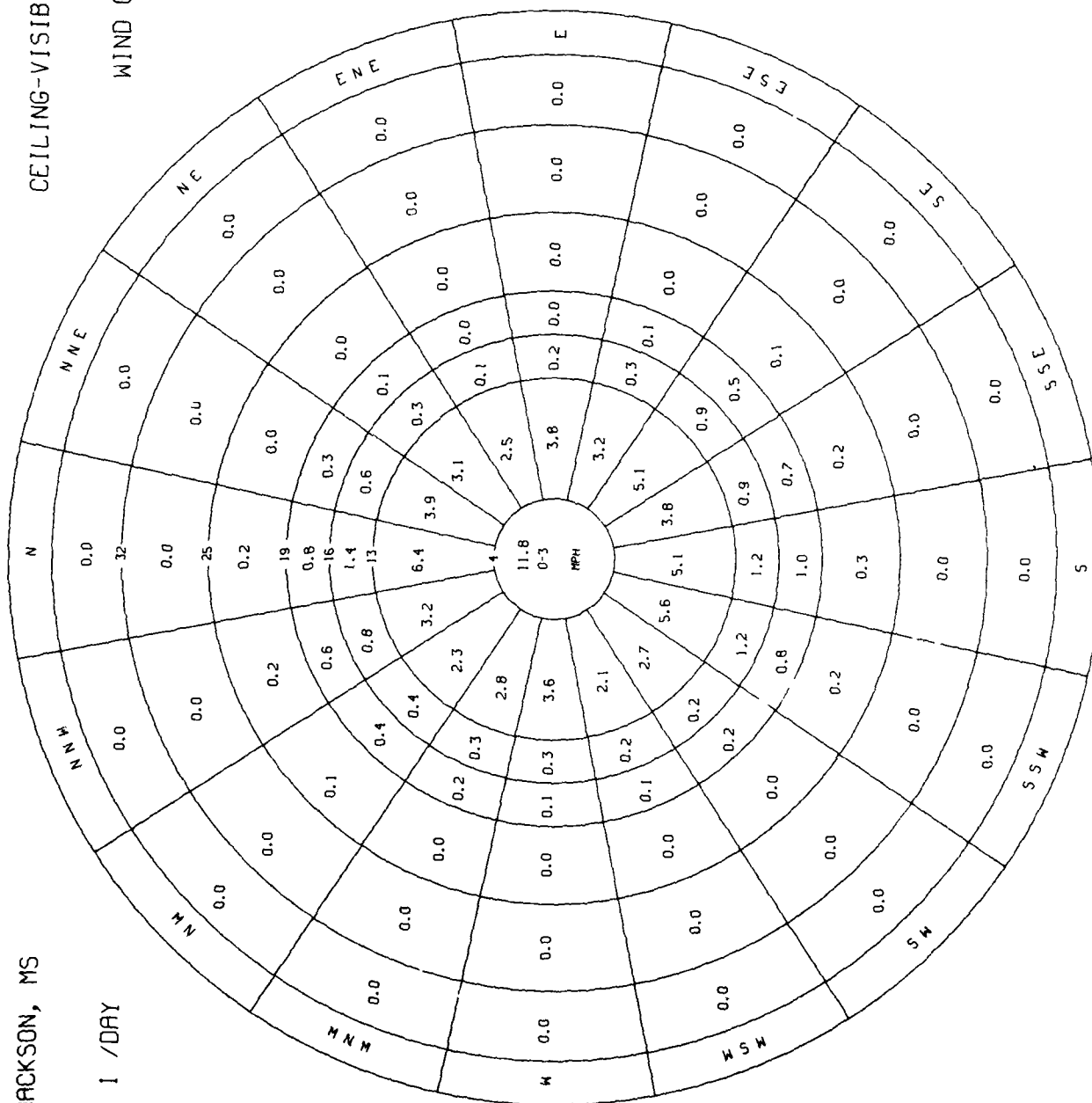
WIND GRAPH



CEILING-VISIBILITY
WIND GRAPH

JAN JACKSON, MS

CLASS 1 / DAY



PRECEDING PAGE BLANK-NOT FILLED

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: JAN JACKSON, MS

PERIOD: 1964-1978

CLASS 1 / DAY

STATION NUMBER: 03940

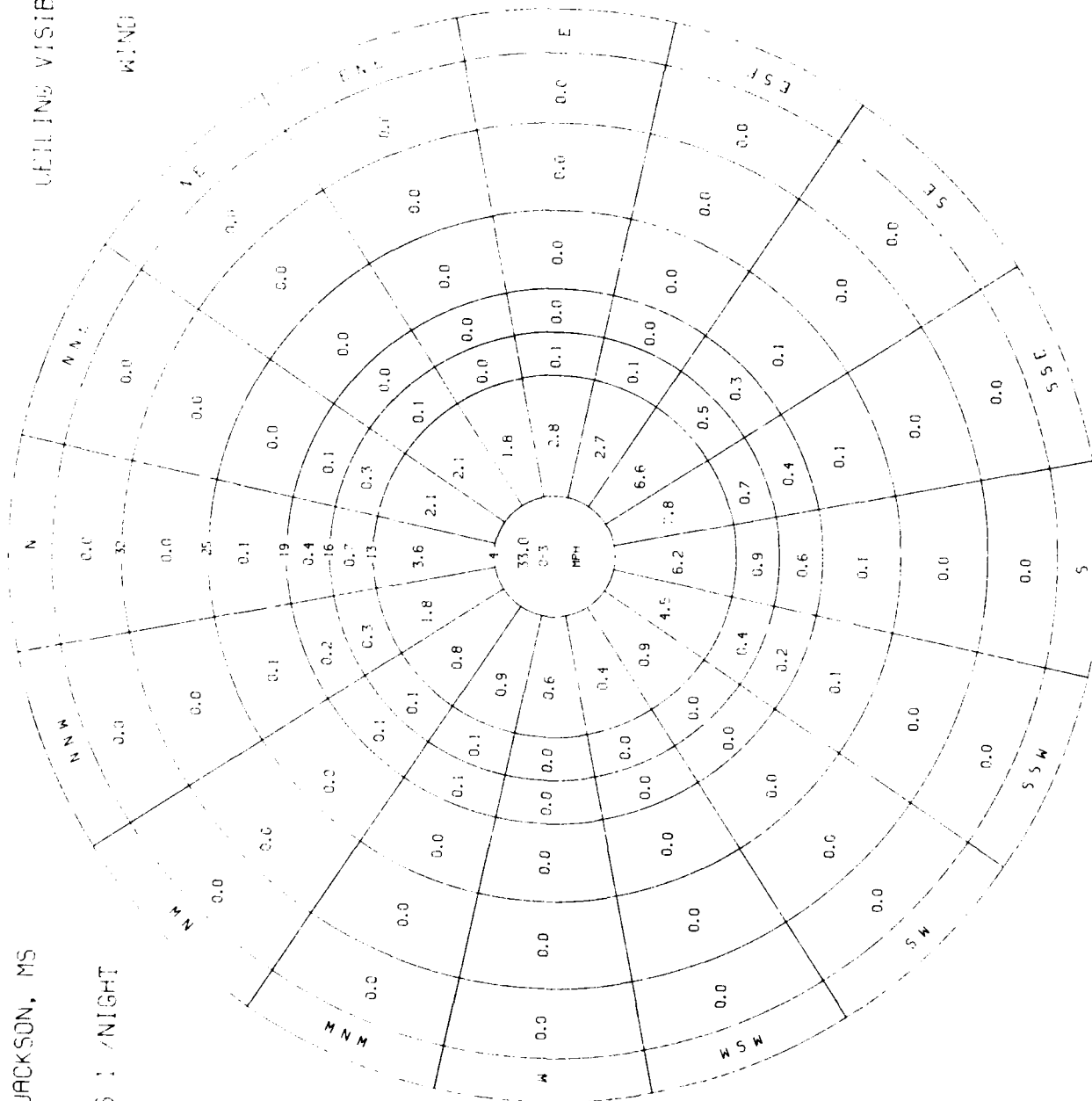
NO. OBS.: 20837

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.5	.5	6.4	7.3	1.4	1.6	.8	.9	.2	.2	.0	.0	.0	.0	9.3	10.6	10.0
NNE	.3	.4	3.9	4.4	.6	.7	.3	.3	.0	.0	.0	.0	.0	.0	5.1	5.9	9.0
NE	.4	.4	3.1	3.5	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	3.8	4.4	7.8
ENE	.4	.4	2.5	2.9	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	3.1	3.5	6.9
E	.5	.5	3.8	4.4	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	4.5	5.2	7.4
ESE	.4	.4	3.2	3.7	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	3.9	4.5	8.0
SE	.6	.7	5.1	5.8	.9	1.1	.5	.6	.1	.2	.0	.0	.0	.0	7.3	8.4	9.4
SSE	.4	.4	3.8	4.4	.9	1.1	.7	.8	.2	.2	.0	.0	.0	.0	6.0	6.9	10.1
S	.4	.4	5.1	5.8	1.2	1.4	1.0	1.1	.3	.4	.0	.0	.0	.0	8.1	9.2	10.7
SSW	.5	.6	5.6	6.3	1.2	1.3	.8	.9	.2	.2	.0	.0	.0	.0	8.3	9.4	9.8
SW	.3	.3	2.7	3.1	.2	.3	.2	.2	.0	.0	.0	.0	.0	.0	3.4	3.8	8.3
WSW	.2	.2	2.1	2.4	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0	2.7	3.0	8.2
W	.4	.5	3.6	4.1	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	4.5	5.1	7.9
WNW	.3	.3	2.8	3.2	.3	.4	.2	.2	.0	.0	.0	.0	.0	.0	3.7	4.2	8.5
NW	.3	.3	2.3	2.6	.4	.5	.4	.4	.1	.1	.0	.0	.0	.0	3.4	3.9	9.8
NNW	.2	.3	3.2	3.6	.8	.9	.6	.7	.2	.2	.0	.0	.0	.0	5.0	5.6	10.5
CALM	5.8	6.6													5.8	6.6	
TOTAL	11.8	13.4	59.4	67.7	9.4	10.7	5.6	6.4	1.4	1.6	.1	.2	.0	.0	87.8	100	8.6

CEILING VISIBILITY

CLASS : NIGHT

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: JAN JACKSON, MS

PERIOD: 1964-1978

CLASS 1 / NIGHT

STATION NUMBER: 03940

NO. OBS.: 17342

D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	.9	1.0	3.6	4.2	.7	.8	.4	.5	.1	.2	.0	.0	.0	.0	5.8	6.7	8.9
NNE	.5	.6	2.1	2.4	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	3.0	3.5	7.7
NE	.6	.7	2.1	2.5	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.9	3.3	6.5
ENE	.6	.7	1.8	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	2.9	5.5
E	.8	1.0	2.8	3.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	3.7	4.3	6.2
ESE	.9	1.0	2.7	3.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	3.8	4.4	6.4
SE	1.6	1.9	6.6	7.6	.5	.6	.3	.4	.1	.1	.0	.0	.0	.0	9.2	10.6	7.4
SSE	1.1	1.2	7.8	9.1	.7	.8	.4	.4	.1	.1	.0	.0	.0	.0	10.1	11.7	7.9
S	.9	1.0	6.2	7.1	.9	1.0	.6	.7	.1	.2	.0	.0	.0	.0	8.7	10.0	8.9
SSW	.8	.9	4.5	5.2	.4	.5	.2	.2	.1	.1	.0	.0	.0	.0	5.9	6.9	7.8
SW	.4	.4	.9	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	1.5	6.1
WSW	.3	.3	.4	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	.9	5.6
W	.3	.4	.6	.7	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	1.0	1.2	6.5
WNW	.3	.3	.9	1.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	1.3	1.5	7.6
NW	.2	.2	.8	.9	.1	.1	.1	.1	.0	.1	.0	.0	.0	.0	1.3	1.5	9.0
NNW	.5	.6	1.8	2.1	.3	.4	.2	.3	.1	.1	.0	.0	.0	.0	3.0	3.4	8.7
CALM	22.4	25.9													22.4	25.9	
TOTAL	33.0	38.2	45.7	52.9	4.3	5.0	2.5	3.0	.8	.9	.1	.1	.0	.0	86.4	100	5.7

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: JAN JACKSON, MS

PERIOD: 1964-1978

CLASS 2 / DAY

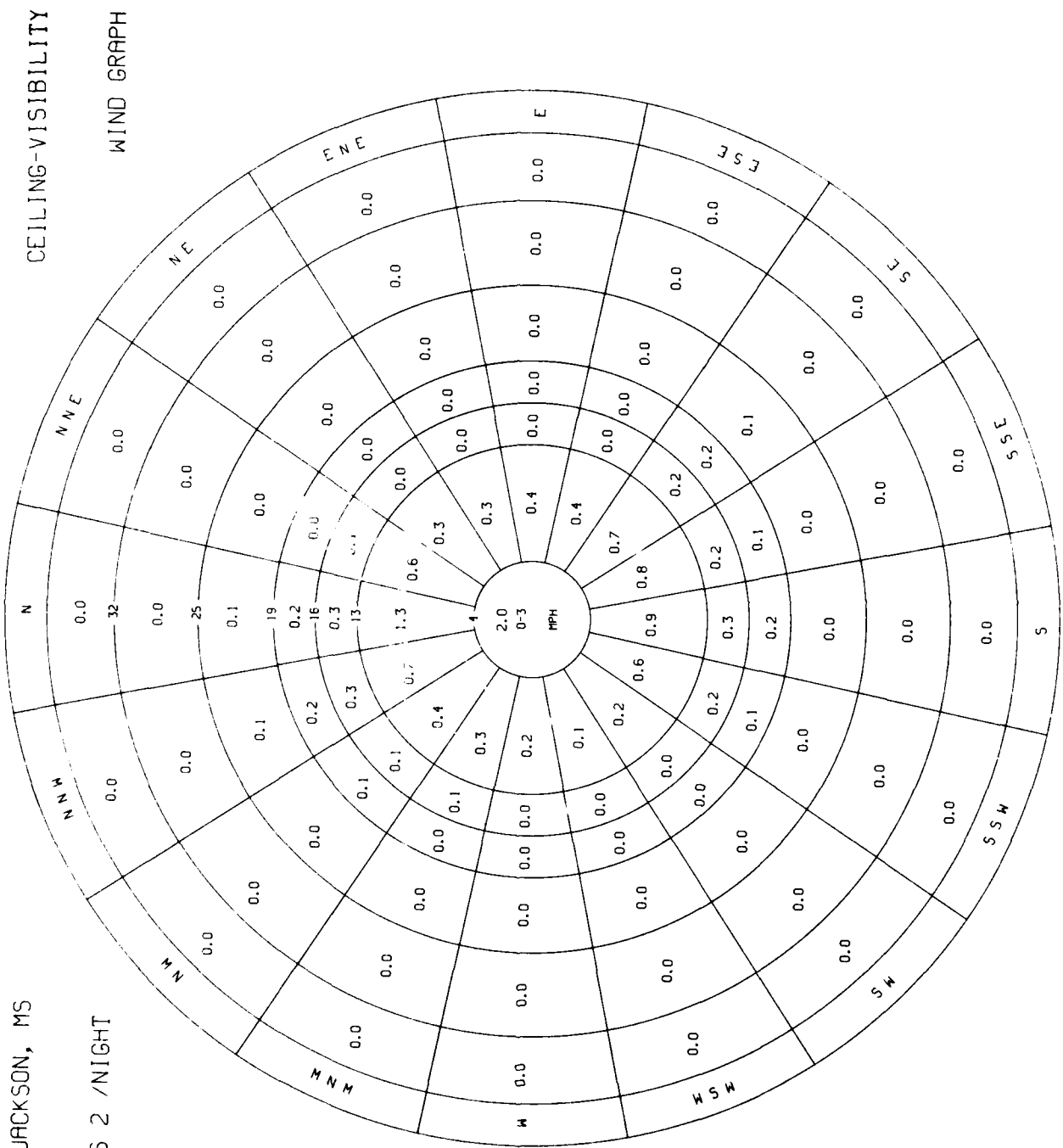
STATION NUMBER: 03940

NO. OBS.: 2905

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			
N	.1	.4	1.0	8.2	.3	2.8	.2	1.5	.0	.3	.0	.0	.0	.0	1.6	13.2	11.1
NNE	.0	.3	.5	4.4	.0	.3	.0	.3	.0	.1	.0	.0	.0	.0	.7	5.6	9.2
NE	.0	.3	.4	3.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.5	3.8	8.0
ENE	.1	.6	.3	2.3	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.4	3.1	6.8
E	.1	.6	.5	3.9	.0	.4	.0	.2	.0	.0	.0	.0	.0	.0	.6	5.1	8.1
ESE	.1	.4	.3	2.8	.0	.3	.0	.1	.0	.1	.0	.0	.0	.0	.5	3.8	8.2
SE	.0	.3	.7	5.3	.2	1.3	.1	.7	.0	.3	.0	.1	.0	.0	1.0	8.1	10.6
SSE	.0	.3	.7	5.5	.2	1.4	.1	.9	.0	.3	.0	.0	.0	.0	1.0	8.5	10.3
S	.1	.6	.7	6.0	.1	1.1	.1	.6	.0	.2	.0	.1	.0	.0	1.1	8.6	9.7
SSW	.0	.3	.8	6.3	.1	.9	.1	.6	.0	.1	.0	.0	.0	.0	1.0	8.3	9.5
SW	.0	.4	.3	2.4	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.4	3.1	7.9
WSW	.0	.2	.2	1.7	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.3	2.2	8.5
W	.0	.3	.4	3.0	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.5	3.8	8.2
WNW	.0	.2	.4	3.4	.0	.2	.0	.3	.0	.1	.0	.0	.0	.0	.5	4.4	9.5
NW	.0	.1	.3	2.7	.1	.7	.1	.4	.0	.1	.0	.1	.0	.0	.5	4.1	11.1
NNW	.0	.3	.6	4.7	.2	1.9	.1	1.0	.0	.3	.0	.0	.0	.0	1.0	8.3	11.3
CALM	.8	6.2													.8	6.2	
TOTAL	1.5	11.9	8.1	66.0	1.5	12.3	.9	7.1	.3	2.1	.1	.5	.0	.1	12.2	100	9.1

JAN JACKSON, MS

CLASS 2 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: JAN JACKSON, MS

PERIOD: 1964-1978

CLASS 2 / NIGHT

STATION NUMBER: 03940

NO. OBS.: 2739

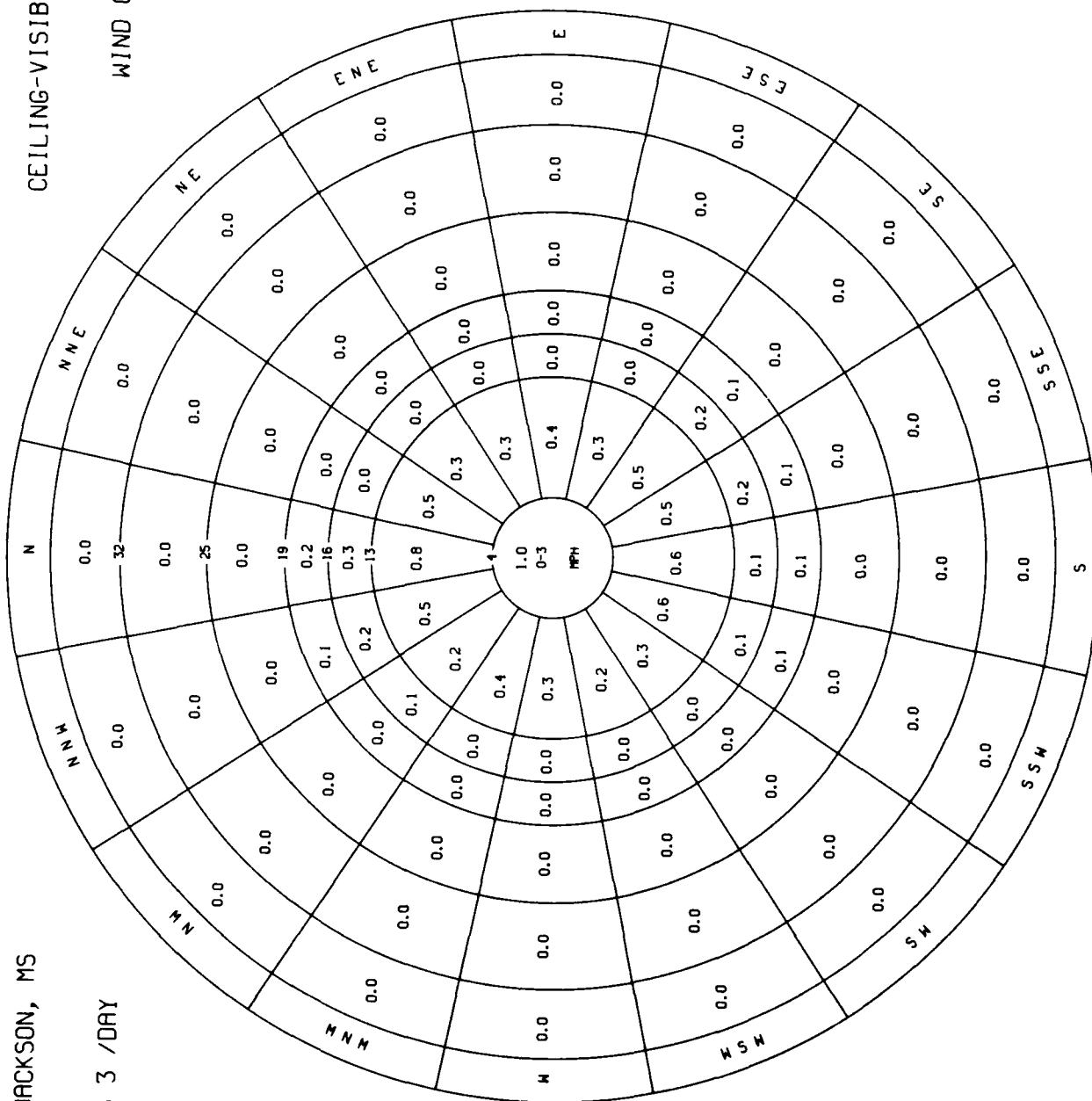
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.1	.7	1.3	9.2	.3	2.4	.2	1.2	.1	.5	.0	.0	.0	.0	1.9 13.9
NNE	.1	.6	.6	4.3	.1	.8	.0	.3	.0	.1	.0	.0	.0	.0	.8 6.2
NE	.1	.5	.3	2.6	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.4 3.2
ENE	.1	.8	.3	2.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.4 3.1
E	.1	.4	.4	3.0	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.5 3.7
ESE	.1	.5	.4	2.8	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.5 3.8
SE	.1	1.0	.7	5.2	.2	1.5	.2	1.3	.1	.4	.0	.1	.0	.0	1.3 9.5
SSE	.1	.4	.8	5.9	.2	1.5	.1	.8	.0	.2	.0	.0	.0	.0	1.2 8.9
S	.1	.4	.9	6.3	.3	1.9	.2	1.4	.0	.3	.0	.1	.0	.0	1.4 10.5
SSW	.1	.7	.6	4.3	.2	1.2	.1	.7	.0	.1	.0	.0	.0	.0	.9 6.9
SW	.0	.2	.2	1.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2 1.7
WSW	.0	.3	.1	.8	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.2 1.2
W	.0	.3	.2	1.5	.0	.3	.0	.1	.0	.1	.0	.0	.0	.0	.3 2.3
WNW	.1	.4	.3	2.4	.1	.5	.0	.3	.0	.0	.0	.0	.0	.0	.5 3.7
NW	.0	.2	.4	3.0	.1	.7	.1	.6	.0	.2	.0	.0	.0	.0	.6 4.6
NNW	.1	.4	.7	5.5	.3	2.1	.2	1.4	.1	.5	.0	.1	.0	.0	1.4 9.9
CALM	.9	6.9													.9 6.9
TOTAL	2.0	14.7	8.2	60.4	1.9	13.9	1.1	8.4	.3	2.3	.0	.4	.0	.0	13.6 100
															9.1

CEILING-VISIBILITY

WIND GRAPH

JAN JACKSON, MS

CLASS 3 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: JAN JACKSON, MS

PERIOD: 1964-1978

CLASS 3 / DAY

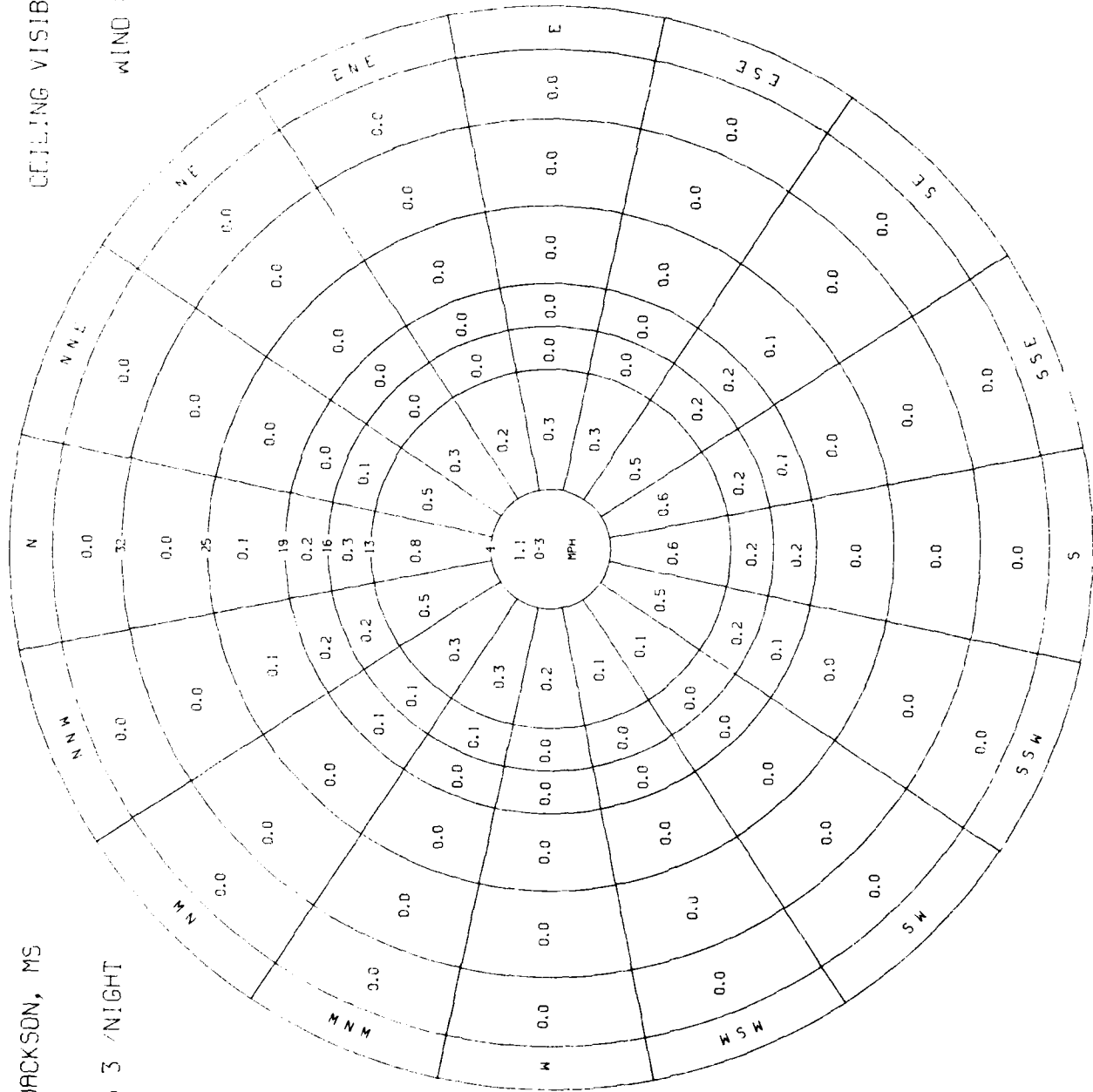
STATION NUMBER: 03940

NO. OBS.: 2417

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.2	.8	8.1	.3	3.2	.2	1.7	.0	.4	.0	.0	.0	.0	1.4 13.6
NNE	.0	.3	.5	4.5	.0	.4	.0	.4	.0	.1	.0	.0	.0	.0	.6 5.7
NE	.0	.2	.3	3.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.4 3.9
ENE	.0	.4	.3	2.5	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.3 3.1
E	.1	.5	.4	4.1	.0	.5	.0	.2	.0	.0	.0	.0	.0	.0	.6 5.4
ESE	.0	.4	.3	2.9	.0	.4	.0	.2	.0	.1	.0	.0	.0	.0	.4 3.9
SE	.0	.3	.5	5.0	.2	1.5	.1	.8	.0	.4	.0	.2	.0	.0	.8 8.3
SSE	.0	.2	.5	5.0	.2	1.7	.1	1.0	.0	.4	.0	.0	.0	.0	.9 8.4
S	.0	.4	.6	5.5	.1	1.3	.1	.6	.0	.2	.0	.2	.0	.0	.8 8.2
SSW	.0	.2	.6	6.1	.1	1.0	.1	.7	.0	.2	.0	.0	.0	.0	.8 8.2
SW	.0	.2	.3	2.6	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.3 3.1
WSW	.0	.2	.2	1.9	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2 2.3
W	.0	.3	.3	3.1	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.4 3.9
WNW	.0	.2	.4	3.7	.0	.3	.0	.4	.0	.2	.0	.0	.0	.0	.5 4.8
NW	.0	.1	.2	2.3	.1	.7	.0	.5	.0	.1	.0	.1	.0	.0	.4 3.7
NNW	.0	.2	.5	4.5	.2	2.1	.1	1.2	.0	.4	.0	.0	.0	.0	.9 8.4
CALM	.5	5.0													.5 5.0
TOTAL	1.0	9.7	6.6	65.2	1.4	13.9	.8	8.1	.2	2.4	.1	.5	.0	.1	10.2 100
															9.6

CEILING VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: JAN JACKSON, MS

PERIOD: 1944-1978

CLASS 3 / NIGHT

STATION NUMBER: 03940

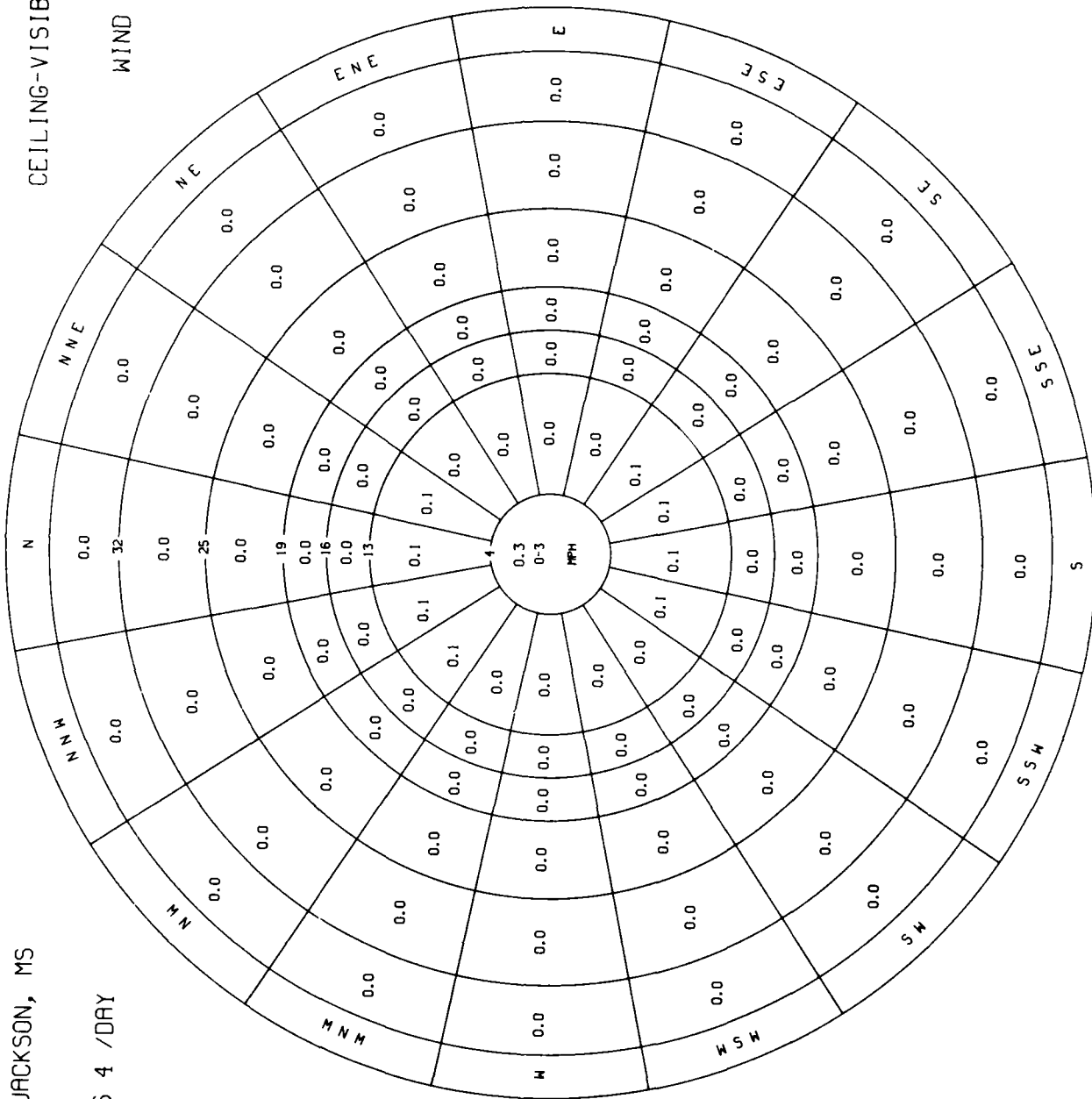
NO. OBS.: 2082

DIR	SPEED GROUPS (MPH)														AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		
N	.0	.4	.8	8.2	.3	2.6	.2	1.5	.1	.6	.0	.0	.0	.0	1.4	3.3
NNE	.0	.3	.5	4.5	.1	1.0	.0	.4	.0	.1	.0	.0	.0	.0	.6	3.2
NENE	.0	.3	.3	2.6	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.3	2.1
ENE	.1	.8	.2	2.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.3	3.2
E	.0	.3	.3	3.4	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.4	3.1
ESE	.0	.5	.3	2.8	.0	.4	.0	.2	.0	.0	.0	.0	.0	.0	.4	3.4
SE	.1	.7	.5	4.9	.2	1.8	.2	1.7	.1	.5	.0	.0	.0	.0	1.0	9.5
SSE	.0	.4	.6	6.1	.2	2.0	.1	1.0	.0	.2	.0	.0	.0	.0	1.0	9.5
S	.0	.3	.6	5.7	.2	2.3	.0	1.8	.0	.4	.1	.0	.0	.0	1.0	9.5
SSW	.0	.5	.5	4.8	.2	1.5	.1	.9	.0	.1	.0	.0	.0	.0	.3	5.3
SW	.0	.2	.1	1.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2
WSW	.0	.2	.1	.9	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	1.2
W	.0	.2	.2	1.7	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.3	2.2
WNW	.0	.3	.3	2.7	.1	.7	.0	.3	.0	.0	.0	.0	.0	.0	.4	3.7
NW	.0	.2	.2	3.2	.1	.6	.1	.7	.0	.2	.0	.0	.0	.0	.3	4.2
NNW	.0	.3	.5	4.9	.2	2.2	.2	1.7	.1	.6	.0	.0	.0	.0	1.1	10.1
CALM	.5	4.5														
TOTAL	1.1	10.3	6.2	59.7	1.7	16.2	1.1	10.5	2.2	2.9					16.4	164.0

JAN JACKSON, MS

CLASS 4 /DAY

CEILING-VISIBILITY
WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: JAN JACKSON, MS

PERIOD: 1964-1978

CLASS 4 / DAY

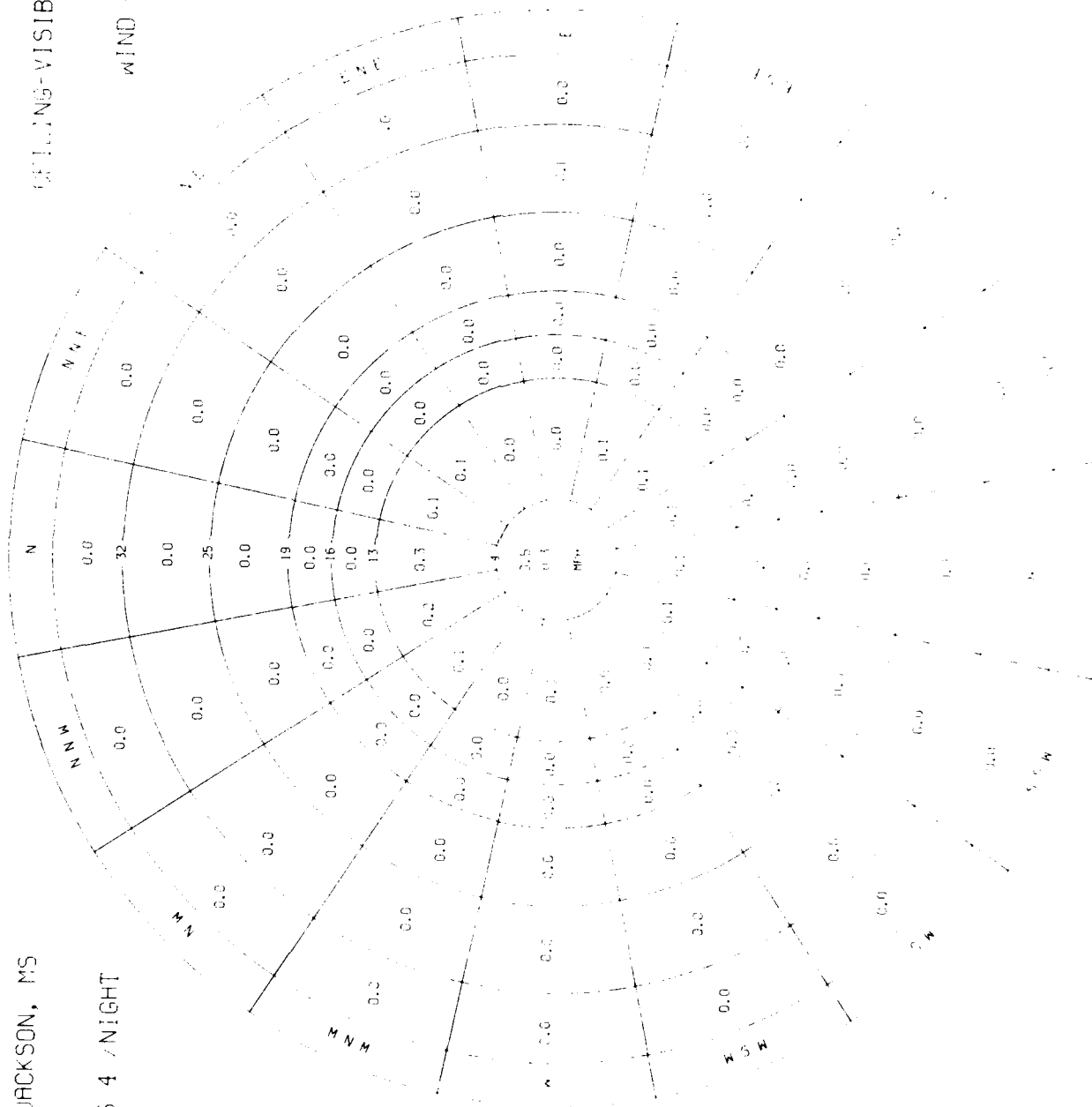
STATION NUMBER: 03940

NO. OBS.: 358

D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	.0	.6	.1	9.2	.0	1.1	.0	.8	.0	.0	.0	.0	.0	.0	.2	11.7	9.3
NNE	.0	.3	.1	4.2	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.1	4.7	8.7
NE	.0	.6	.0	3.1	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.2	6.9
ENE	.0	2.0	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.2	5.0
E	.0	.3	.0	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	6.7
ESE	.0	.6	.0	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.4	5.8
SE	.0	.3	.1	6.4	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.1	7.0	7.7
SSE	.0	.8	.1	8.1	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.1	9.2	7.6
S	.0	1.4	.1	7.5	.0	.6	.0	.3	.0	.0	.0	.0	.0	.0	.1	9.8	7.7
SSW	.0	.0	.1	6.7	.0	.6	.0	.3	.0	.0	.0	.0	.0	.0	.1	7.5	8.0
SW	.0	1.7	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.4	4.6
WSW	.0	.0	.0	.8	.0	.3	.0	.0	.0	.3	.0	.0	.0	.0	.0	1.4	10.6
W	.0	.6	.0	2.5	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.4	7.3
WNW	.0	.0	.0	2.5	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	2.8	8.6
NW	.0	.3	.1	5.3	.0	.8	.0	.3	.0	.3	.0	.0	.0	.0	.1	7.0	9.2
NNW	.0	.8	.1	6.4	.0	.8	.0	.6	.0	.3	.0	.0	.0	.0	.1	8.9	9.2
CALM	.1	8.4													.1	8.4	
TOTAL	.3	18.4	1.1	72.3	.1	5.0	.0	3.1	.0	.8	.0	.3	.0	.0	1.5	100	7.2

WIND-VELOCITY WIND GRAPH

JAN JACKSON, MS
CLASS 4 / NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: JAN JACKSON, MS

PERIOD: 1964-1978

CLASS 4 / NIGHT

STATION NUMBER: 03940

NO. OBS.: 424

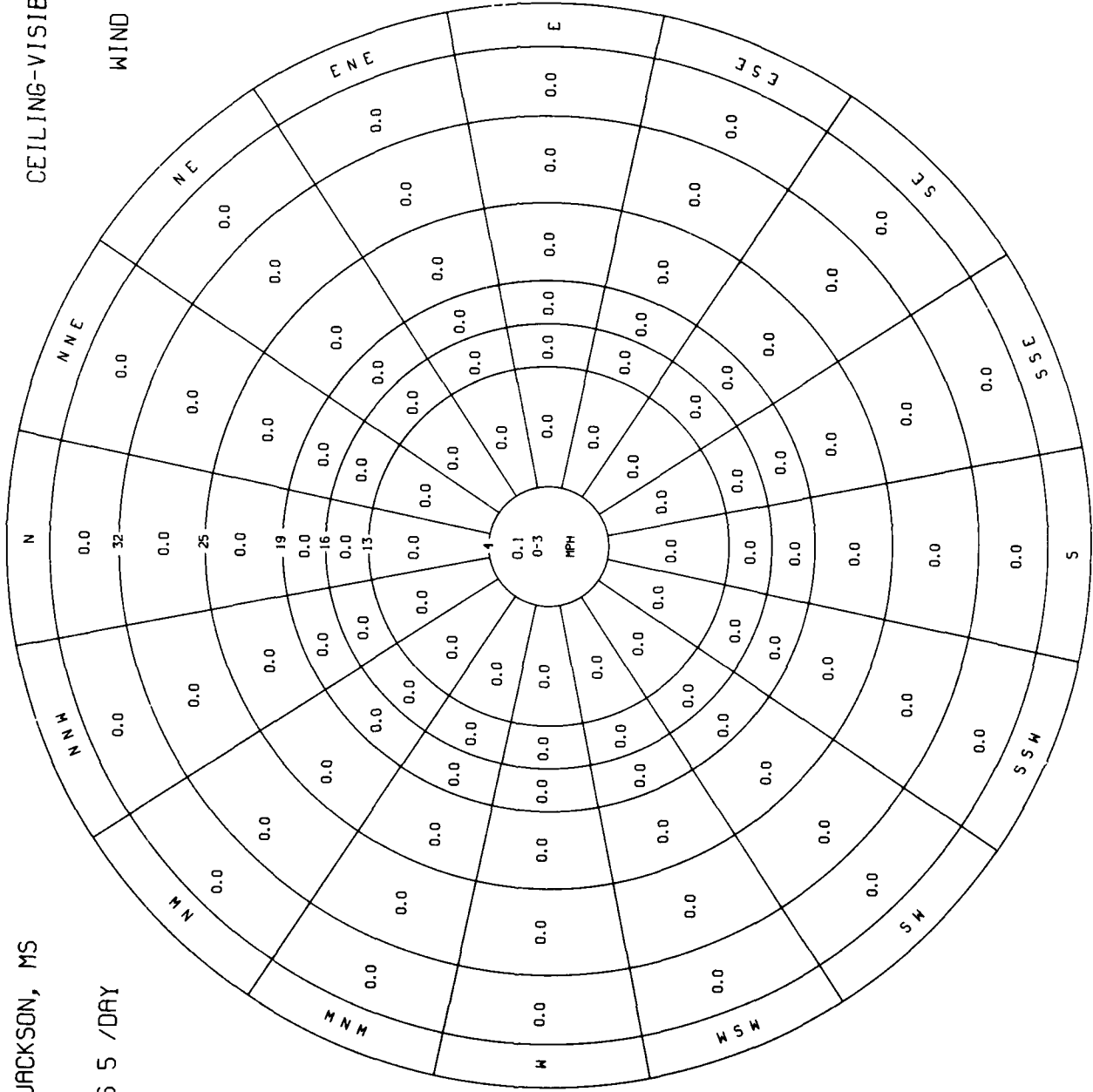
C I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			
N	.0	1.7	.3	13.9	.0	1.9	.0	.2	.0	.0	.0	.0	.0	.0	.4	17.7	8.8
NNE	.0	1.2	.1	5.4	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.1	7.1	7.4
NF	.0	.9	.1	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.5	5.9
ENE	.0	.9	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.3	5.4
E	.0	.5	.0	2.1	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.8	6.4
ESE	.0	.7	.1	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.8	6.2
SE	.0	.9	.1	6.4	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.2	8.0	9.1
SSE	.0	.7	.1	4.0	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.1	5.2	7.8
S	.0	1.2	.1	6.8	.0	.9	.0	.2	.0	.0	.0	.0	.0	.0	.2	9.2	9.0
SSW	.0	.9	.1	2.8	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.2	6.7
SW	.0	.2	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	5.0
WSW	.0	.5	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	3.0
W	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	3.0
WNW	.0	.5	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	3.0
NW	.0	.2	.1	2.8	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	3.0
NNW	.0	.5	.2	8.7	.0	2.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	2.4	3.0
CALC	.2	10.1															
TOTAL	.2	22.1	1.4	66.7	.2	8.1	.3	1.1	.0	.0	.0	.0	.0	.0			

JAN JACKSON, MS

CLASS 5 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: JAN JACKSON, MS

PERIOD: 1964-1978

CLASS 5 / DAY

STATION NUMBER: 03940

NO. OBS.: 87

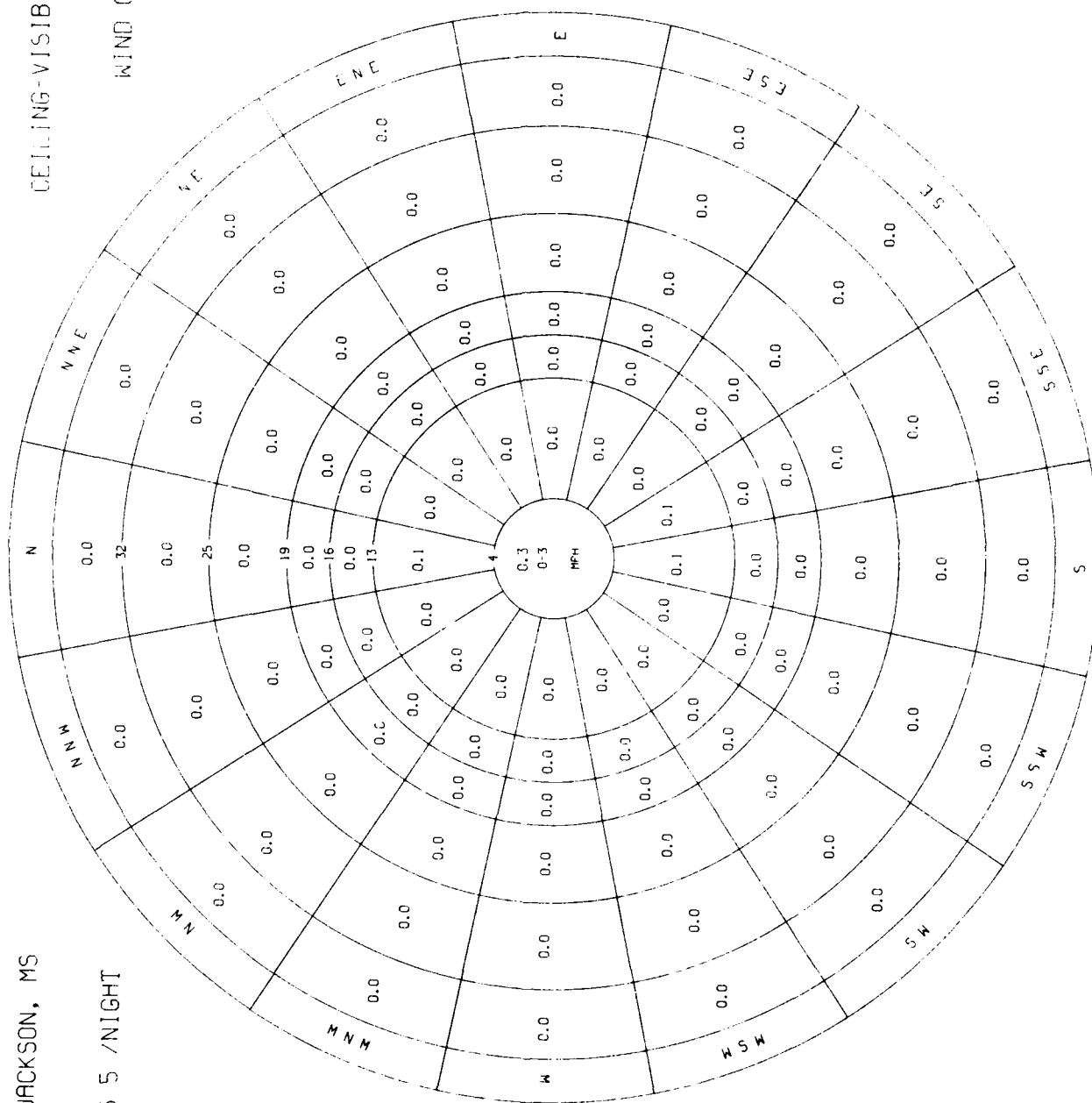
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	2.3	.0	9.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.5	7.8
NNE	.0	1.1	.0	4.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.7	7.0
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
E	.0	2.3	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.6	5.0
ESE	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	5.0
SE	.0	.0	.0	9.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.2	8.0
SSE	.0	.0	.0	5.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.7	7.0
S	.0	2.3	.0	9.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.5	6.4
SSW	.0	3.4	.0	8.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.5	6.0
SW	.0	.0	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	14.0
WSW	.0	.0	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	6.5
W	.0	.0	.0	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	6.3
WNW	.0	.0	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	6.0
NW	.0	.0	.0	2.3	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	3.4	12.7
NNW	.0	1.1	.0	3.4	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.7	6.4
CALM	.1	20.7													.1	20.7	
TOTAL	.1	33.3	.2	63.2	.0	2.3	.0	1.1	.0	.0	.0	.0	.0	.0	.4	100	5.6

JAN JACKSON, MS

CLASS 5 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1964-1978

STATION NAME: JAN JACKSON, MS

CLASS 5 / NIGHT

NO. OBS.: 163

STATION NUMBER: 03940

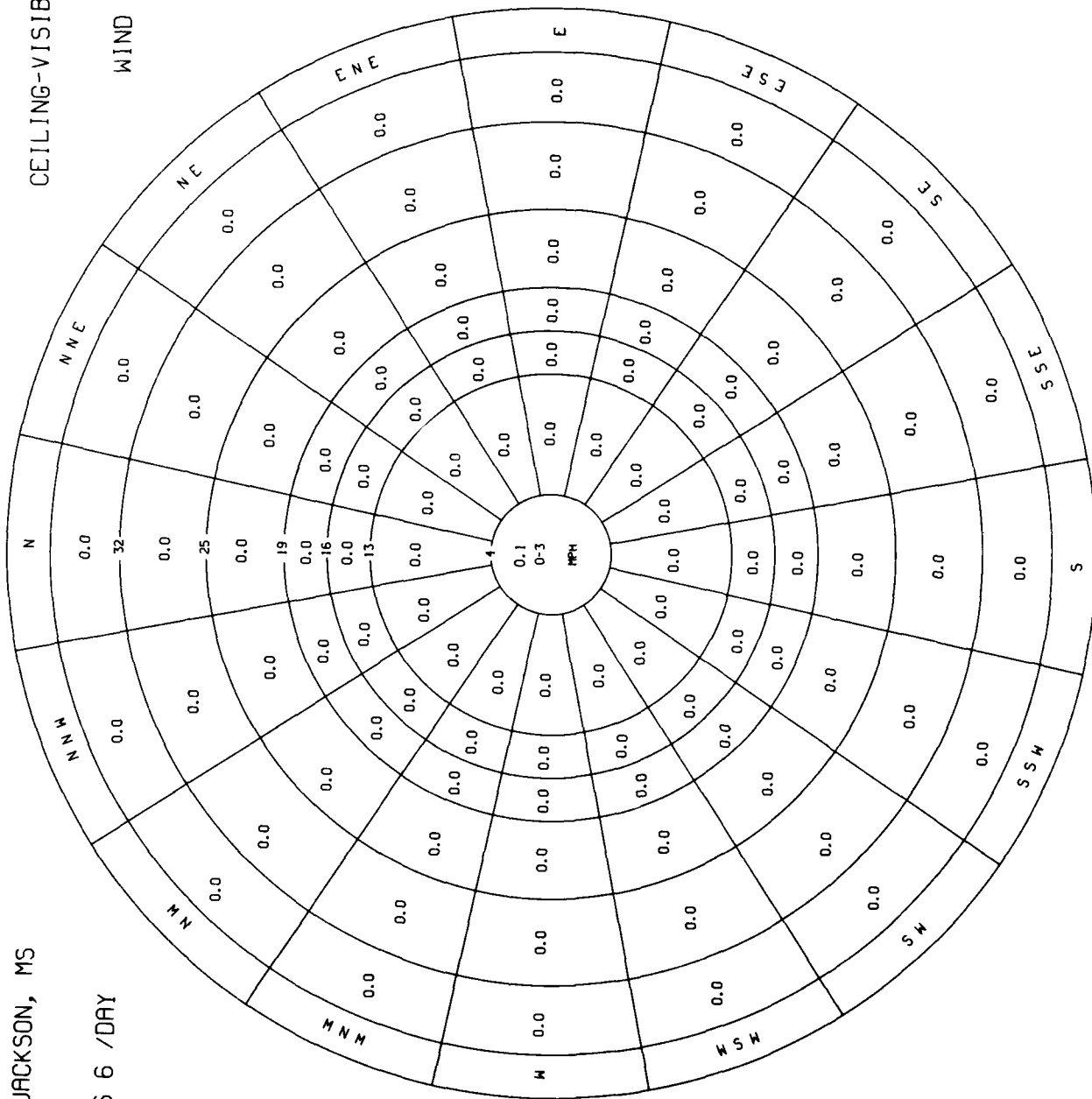
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	1.8	.1	12.9	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.1 16.6
NNE	.0	3.1	.0	1.8	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0 5.5
NNE	.0	1.8	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.1
ENE	.0	.6	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.2
E	.0	1.8	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.7
ESE	.0	.6	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.1
SE	.0	2.5	.0	5.5	.0	.6	.0	.6	.0	.0	.0	.0	.0	.0	.1 9.2
SSE	.0	.0	.1	6.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 6.7
S	.0	.0	.1	9.8	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.1 10.4
SSW	.0	1.8	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 4.3
SW	.0	.0	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.1
WSW	.0	1.2	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.8
W	.0	1.2	.0	.6	.0	.0	.0	.0	.0	.6	.0	.0	.0	.0	.0 2.5
NNW	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.8
NW	.0	.6	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.2
NNW	.0	1.2	.0	5.5	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.1 7.4
CALM	.1	18.4													.1 18.4
TOTAL	.3	38.7	.5	55.8	.0	4.3	.0	.6	.0	.6	.0	.0	.0	.0	.8 100

JAN JACKSON, MS

CLASS 6 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: JAN JACKSON, MS

PERIOD: 1964-1978

CLASS: 6 / DAY

STATION NUMBER: 03940

NO. OBS.: 43

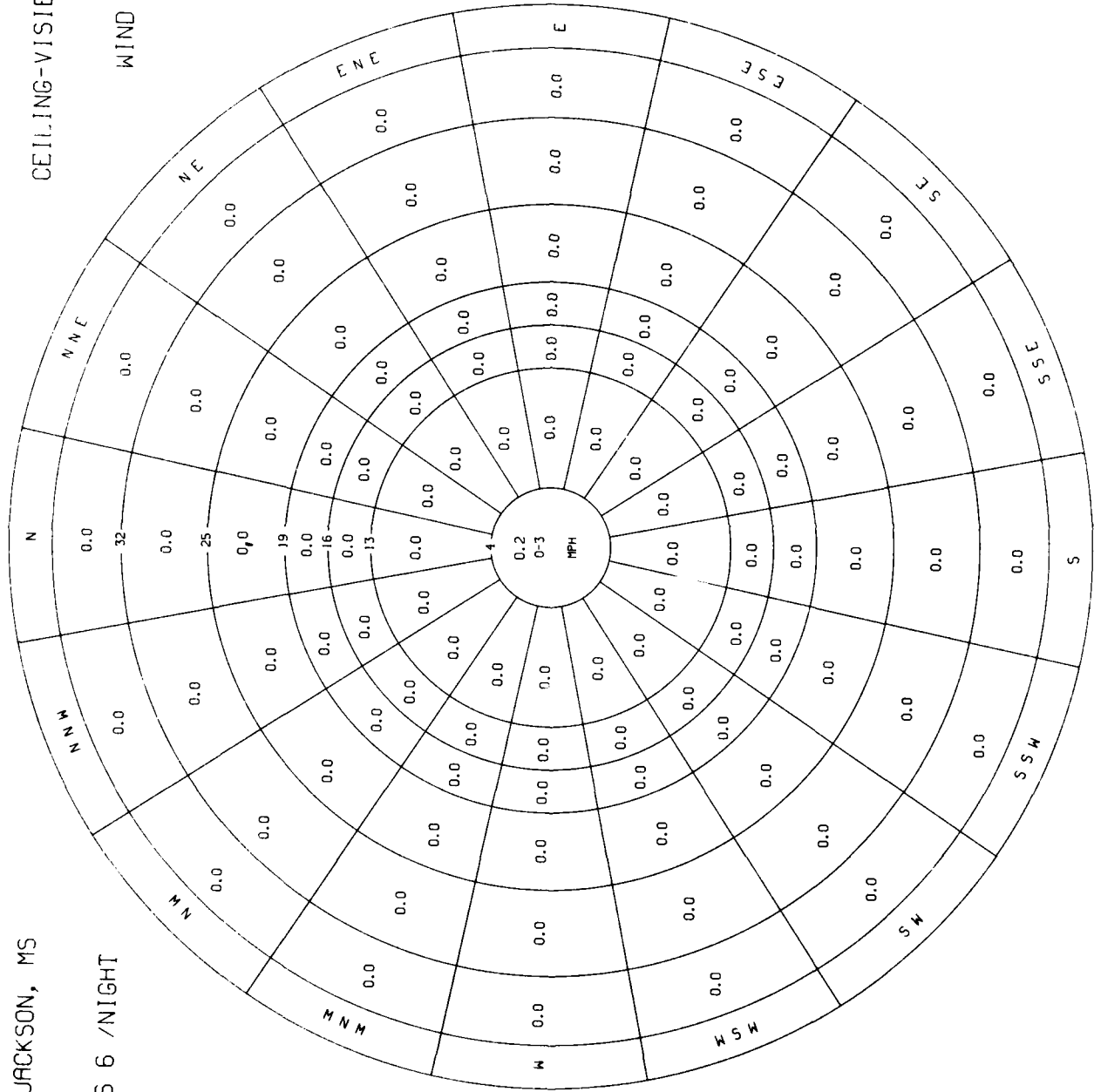
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D
N	.0	4.7	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.0	4.0
NNE	.0	2.3	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7	5.5
NE	.0	.0	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	9.0
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
E	.0	.0	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	6.0
ESE	.0	.0	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	6.0
SE	.0	.0	.0	4.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7	5.5
SSE	.0	2.3	.0	11.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.0	6.5
S	.0	.0	.0	18.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	18.6	7.1
SSW	.0	.0	.0	11.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.6	5.8
SW	.0	2.3	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7	4.0
WSW	.0	.0	.0	.0	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	15.0
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNW	.0	.0	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	5.0
CALM	.0	23.3													.0	23.3		
TOTAL	1	34.9	1	62.8	0	2.3	0	.0	0	.0	0	.0	0	.0	0	2	100	4.9

JAN JACKSON, MS

CLASS 6 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: JAN JACKSON, MS

PERIOD: 1964-1978

CLASS 6 / NIGHT

STATION NUMBER: 03940

NO. OBS.: 70

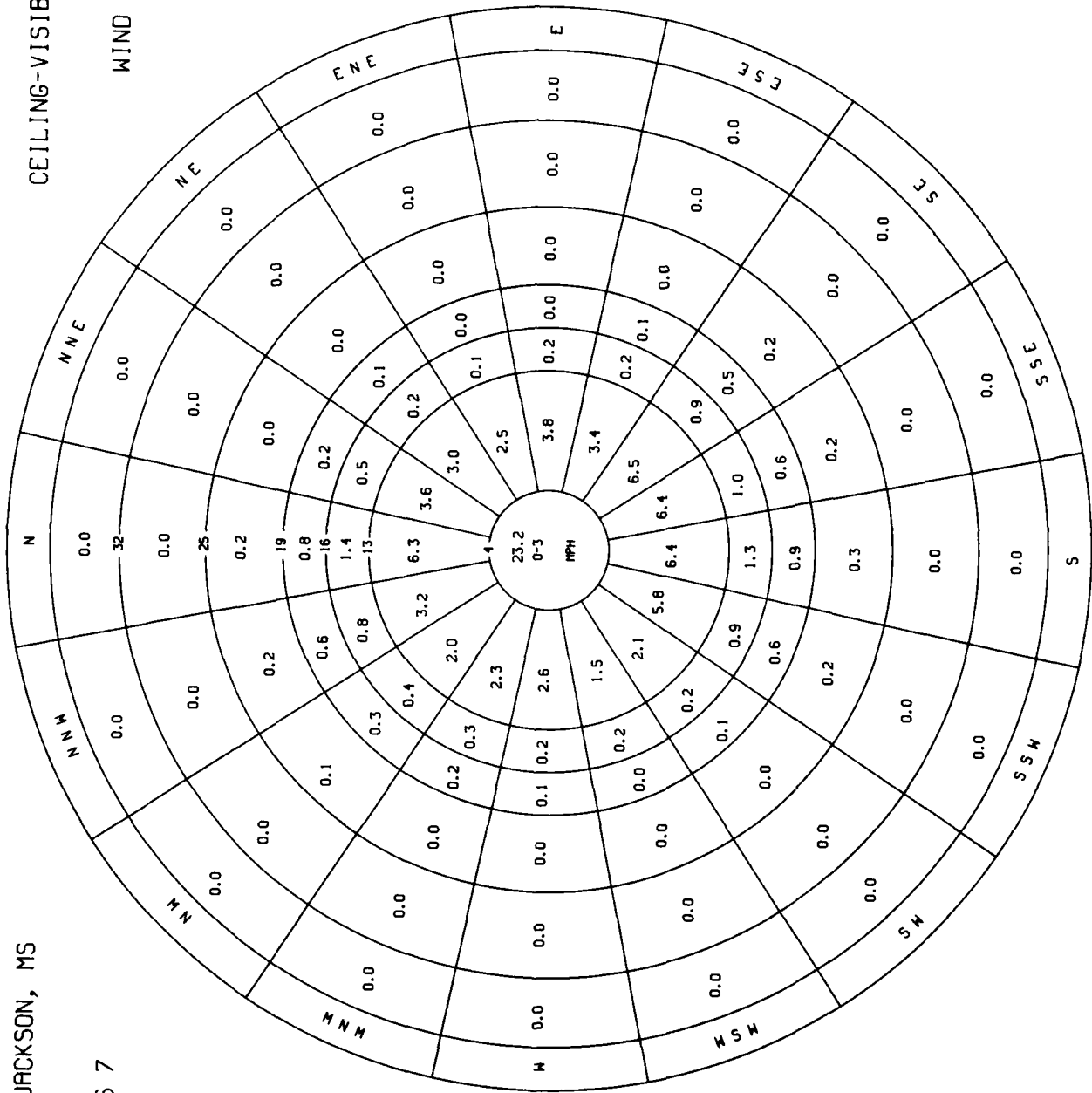
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	1.4	.0	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	7.7
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NE	.0	1.4	.0	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	5.7
ENE	.0	.0	.0	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	5.5
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ESE	.0	.0	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	6.0
SE	.0	5.7	.0	5.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.4	4.4
SSE	.0	1.4	.0	8.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.0	5.9
S	.0	.0	.0	12.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.9	7.9
SSW	.0	1.4	.0	4.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.7	5.2
SW	.0	.0	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	5.0
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	.0	.0	.0	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	7.5
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	.0	.0	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	12.0
NNW	.0	1.4	.0	4.3	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.1	8.8
CALM	.1	32.9													.1	32.9	
TOTAL	.2	45.7	.2	52.9	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.3	100	4.5

JAN JACKSON, MS

CLASS 7

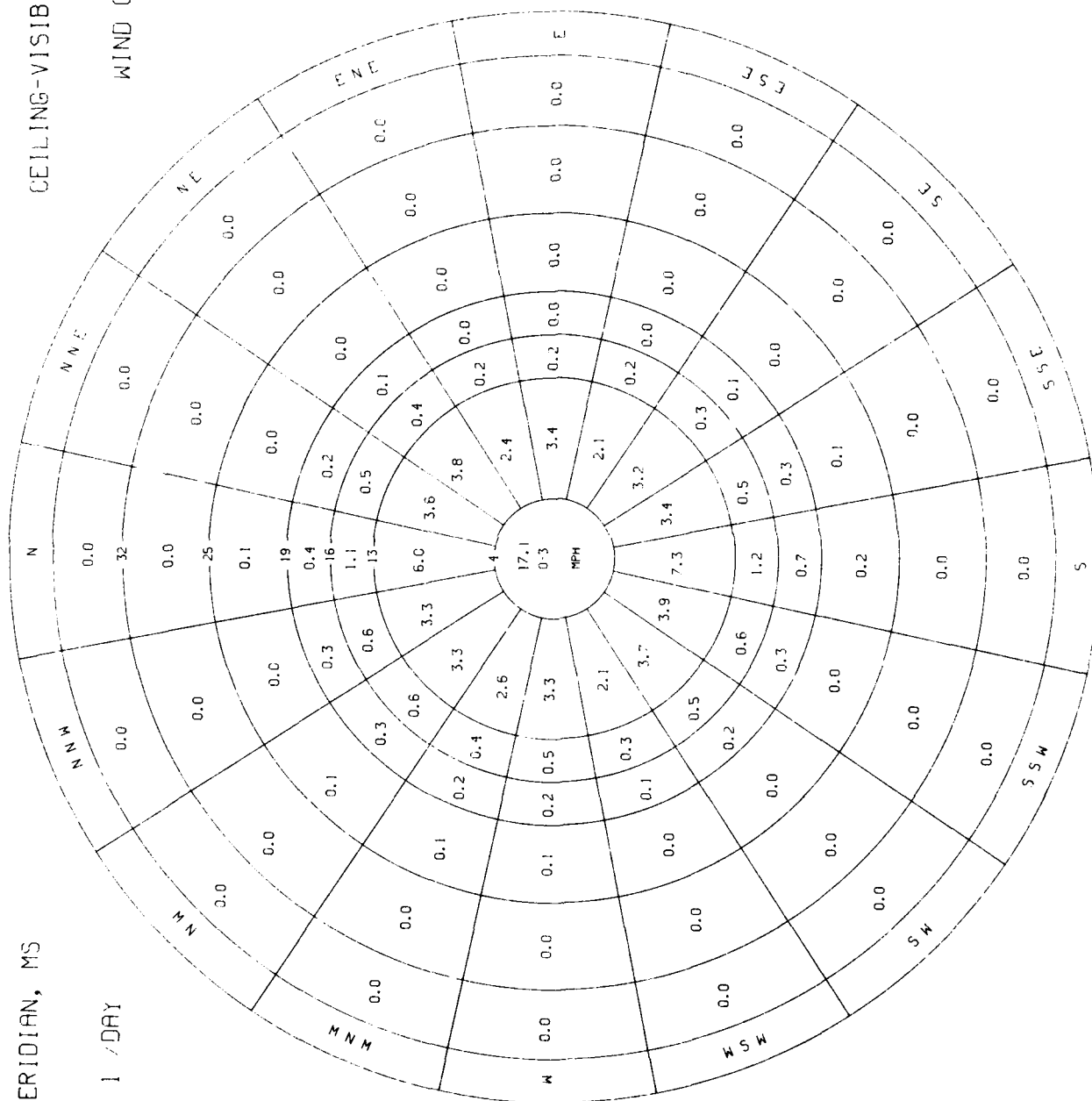
CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY

WIND GRAPH



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CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: MEI MERIDIAN, MS

PERIOD: 1949-1978

CLASS 1 / DAY

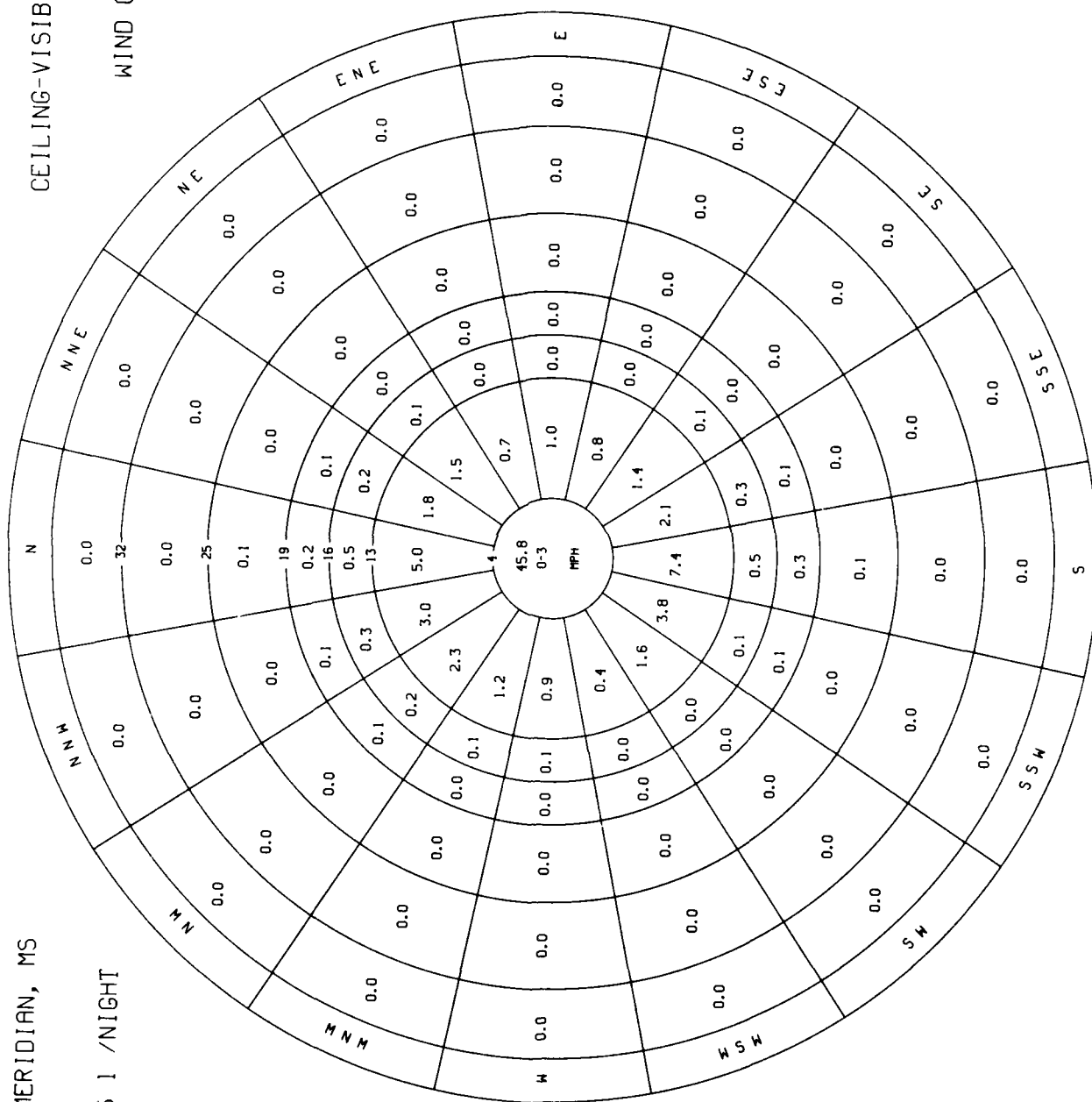
STATION NUMBER: 13865

NO. OBS.: 30767

D I F	SPEED GROUPS (MPH)																	AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL			
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D		
N	5	6	5.0	6.9	1.1	1.2	1.4	1.5	1	1	2	0	0	0	9.1	9.4	9.1	
NNE	2	4	3.8	4.2	5	5	2	2	0	0	0	0	0	0	4.6	5.0	4.6	
NNE	3	4	3.8	4.4	4	5	1	1	0	0	0	0	0	0	4.7	5.4	5.0	
NNE	2	3	2.4	3.8	1	2	0	0	0	0	1	0	0	0	2.8	3.3	3.1	
E	4	5	3.4	3.9	3	2	0	0	0	0	0	0	0	0	4.0	4.1	4.1	
ESE	3	3	2.1	2.5	3	1	0	0	0	0	0	0	0	0	2.6	2.6	2.4	
ESE	2	4	3.5	3.6	3	3	1	1	0	0	0	0	0	0	3.9	4.1	3.9	
SSE	4	5	3.4	3.9	4	5	3	3	1	1	0	0	0	0	4.6	5.3	5.0	
S	3	0	1.3	3.4	1	1	1	3	2	2	0	0	0	0	10.3	1.1	3.1	
SSW	5	6	3.3	4.5	5	7	3	4	1	0	0	0	0	0	5.4	5.3	5.4	
SW	7	8	3.7	4.2	1	1	2	2	0	0	0	0	0	0	6.1	5.5	5.9	
WSW	2	3	2.1	2.4	2	3	1	1	0	0	0	0	0	0	2.5	3.3	3.2	
W	5	6	3.3	3.5	1	5	2	2	0	0	0	0	0	0	4.6	5.3	5.4	
WNW	4	4	2.6	3.0	4	1	0	0	1	0	0	0	0	0	3.6	4.2	3.8	
NW	5	6	3.3	3.8	1	1	3	4	1	0	0	0	0	0	4.8	5.1	5.0	
NNW	4	4	3.3	3.8	2	2	3	4	0	0	0	0	0	0	4.1	5.4	5.0	
CALM	10.1	11.7													10.1	11.7		
TOTAL	17.1	19.7	46.2	50.2	7.9	23.1	3.5	4.0	7	9	1	1	0	0	86.7	100	7.5	

MEI MERIDIAN, MS
 CLASS 1 / NIGHT

CEILING-VISIBILITY
 WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: MEI MERIDIAN, MS

PERIOD: 1949-1978

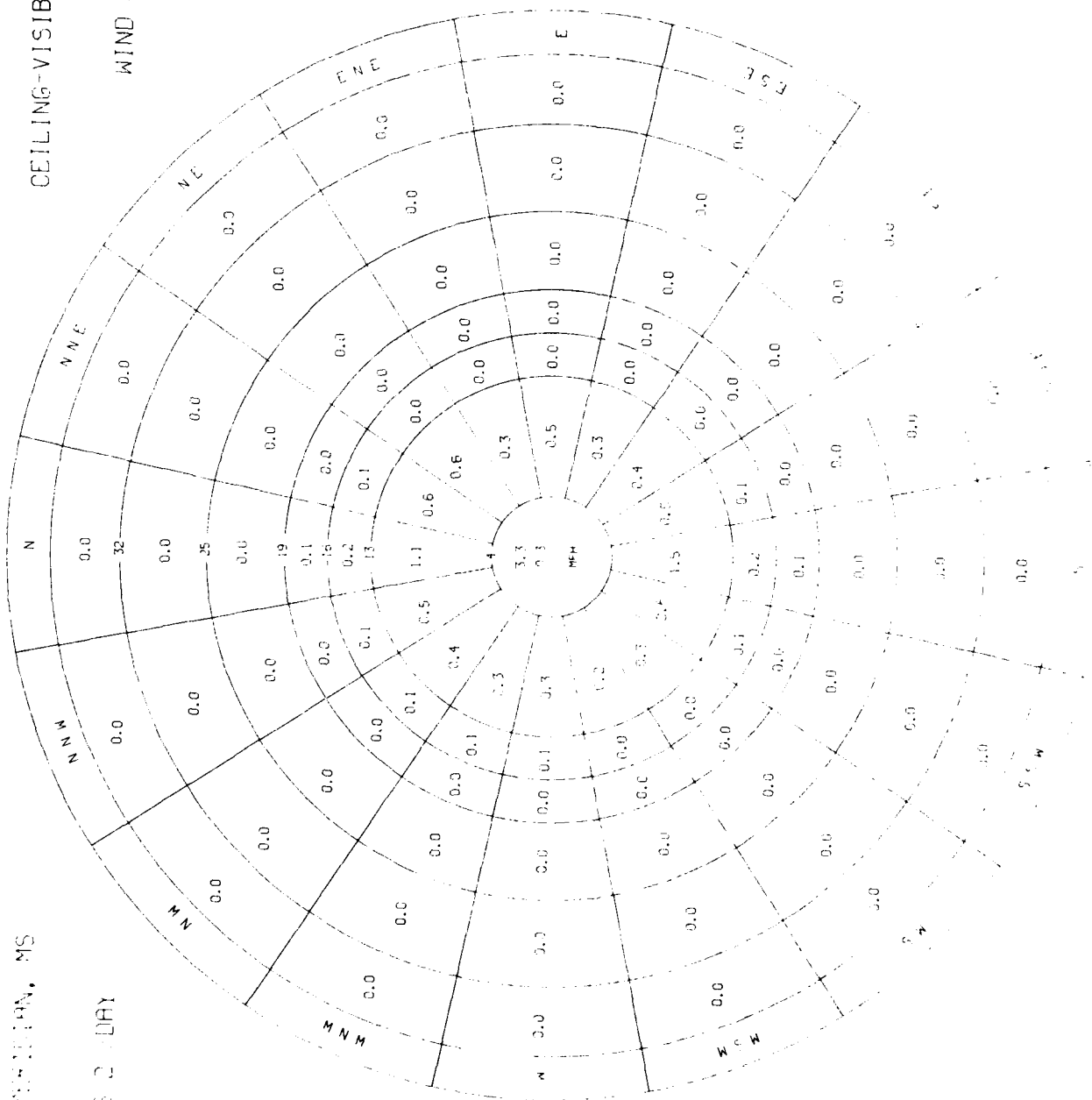
CLASS 1 / NIGHT

STATION NUMBER: 13865

NO. OBS.: 24465

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.7	.8	5.0	5.9	.5	.6	.2	.3	.1	.1	.0	.0	.0	.0	6.5 7.7
NNE	.2	.2	1.8	2.2	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	2.3 2.7
NE	.2	.3	1.5	1.8	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.8 2.1
ENE	.1	.1	.7	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8 1.0
E	.3	.3	1.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3 1.6
ESE	.2	.2	.8	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0 1.2
SE	.3	.4	1.4	1.7	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.9 2.2
SSE	.5	.6	2.1	2.5	.3	.4	.1	.1	.0	.0	.0	.0	.0	.0	3.1 3.7
S	2.1	2.5	7.4	8.7	.5	.6	.3	.3	.1	.1	.0	.0	.0	.0	10.4 12.3
SSW	1.3	1.5	3.8	4.4	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	5.2 6.1
SW	.9	1.1	1.6	1.9	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.6 3.1
WSW	.2	.2	.4	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7 .8
W	.6	.7	.9	1.0	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	1.6 1.9
WNW	.5	.6	1.2	1.4	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	1.9 2.2
NW	.9	1.1	2.3	2.7	.2	.2	.1	.2	.0	.0	.0	.0	.0	.0	3.5 4.1
NNW	.7	.9	3.0	3.5	.3	.3	.1	.2	.0	.1	.0	.0	.0	.0	4.2 4.9
CALM	36.1	42.5													36.1 42.5
TOTAL	45.8	53.9	35.1	41.2	2.6	3.1	1.2	1.4	.3	.4	.0	.0	.0	.0	85.0 100

CEILING-VISIBILITY
WIND GRAPH



WIND DIRECTION, MS
WIND SPEED, MS

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: MEI MERIDIAN, MS

PERIOD: 1949-1978

CLASS 2 / DAY

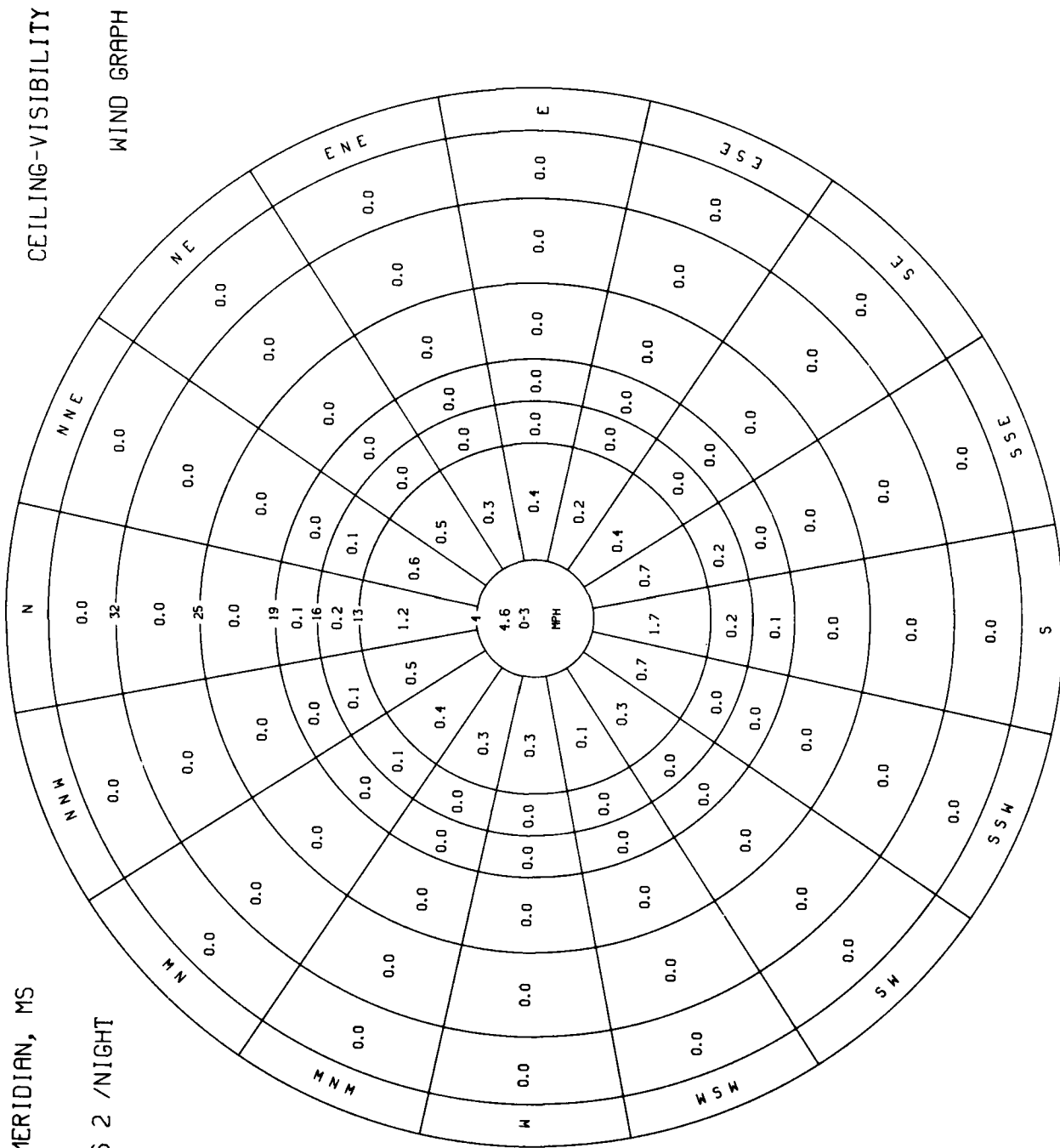
STATION NUMBER: 13865

NO. OBS.: 4710

D I R	SPEED GROUPS (MPH)															AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL			
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D
N	.1	.6	1.1	8.1	.2	1.3	.1	.5	.0	.1	.0	.0	.0	.0	.0	1.4	10.6	9.1
NNE	.0	.3	.6	4.6	.1	.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	.7	5.5	8.5
NNE	.0	.3	.6	4.2	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	4.9	7.9
ENE	.1	.4	.3	2.6	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	3.1	7.1
E	.1	.4	.5	3.7	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.6	4.5	7.9
ESE	.0	.3	.3	2.1	.0	.2	.0	.0	.0	.1	.0	.0	.0	.0	.0	.4	2.7	7.9
SE	.0	.3	.4	3.0	.0	.3	.0	.2	.0	.0	.0	.0	.0	.0	.0	.5	3.8	8.1
SSE	.1	.7	.5	3.7	.1	.8	.0	.2	.0	.0	.0	.0	.0	.0	.0	.7	5.5	8.6
S	.2	1.4	1.5	11.2	.2	1.4	.1	.4	.0	.1	.0	.0	.0	.0	.0	1.9	14.5	8.3
SSW	.1	1.0	.6	4.4	.1	.4	.0	.0	.0	.1	.0	.0	.0	.0	.0	.8	5.9	7.3
SW	.1	.5	.3	2.6	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	3.5	8.0
WSW	.0	.3	.2	1.4	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.0	.3	2.0	8.5
W	.0	.3	.3	2.0	.1	.6	.0	.2	.0	.1	.0	.0	.0	.0	.0	.4	3.2	9.7
WNW	.0	.1	.3	2.0	.1	.5	.0	.3	.0	.1	.0	.0	.0	.0	.0	.4	3.0	10.0
NW	.0	.3	.4	2.8	.1	.6	.0	.3	.0	.0	.0	.0	.0	.0	.0	.5	4.0	9.5
NNW	.1	.6	.5	4.0	.1	.8	.0	.3	.0	.1	.0	.0	.0	.0	.0	.8	5.8	9.0
CALM	2.3	17.4														2.3	17.4	
TOTAL	3.3	25.2	8.3	62.3	1.1	8.5	.4	2.8	.1	1.0	.0	.2	.0	.0	.0	13.3	100	7.0

MEI MERIDIAN, MS

CLASS 2 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: MEI MERIDIAN, MS

PERIOD: 1949-1978

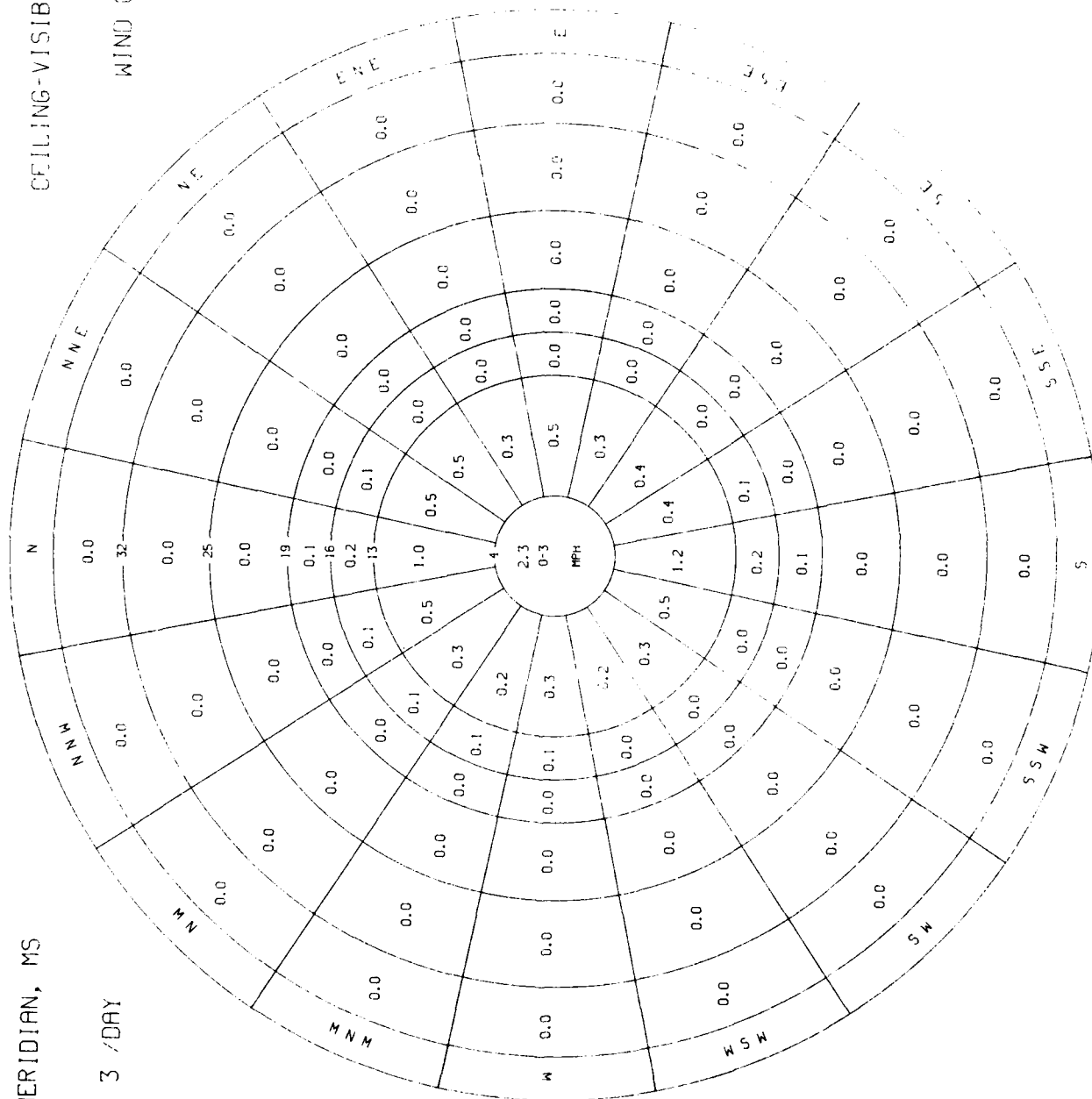
CLASS 2 / NIGHT

STATION NUMBER: 13865

NO. OBS.: 4321

D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	.1	.6	1.2	7.8	.2	1.1	.1	.4	.0	.2	.0	.0	.0	.0	1.5	10.1	9.1
NNE	.1	.5	.6	4.2	.1	.7	.0	.1	.0	.0	.0	.0	.0	.0	.8	5.6	8.3
NE	.1	.4	.5	3.6	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.7	4.4	7.8
ENE	.0	.1	.3	1.7	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.3	2.0	8.3
E	.1	.6	.4	2.5	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.5	3.3	7.3
ESE	.0	.2	.2	1.6	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.3	1.9	7.3
SE	.1	.4	.4	2.7	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.5	3.4	7.6
SSE	.1	.6	.7	4.6	.2	1.1	.0	.3	.0	.1	.0	.0	.0	.0	1.0	6.7	9.2
S	.3	1.8	1.7	11.3	.2	1.3	.1	.6	.0	.1	.0	.0	.0	.0	2.3	15.1	8.2
SSW	.1	.9	.7	4.9	.0	.2	.0	.3	.0	.0	.0	.0	.0	.0	.9	6.2	7.6
SW	.1	.5	.3	1.9	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.4	2.5	7.1
WSW	.0	.3	.1	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.0	6.9
W	.1	.4	.3	1.9	.0	.3	.0	.2	.0	.1	.0	.0	.0	.0	.4	2.8	8.4
WNW	.0	.2	.3	1.9	.0	.3	.0	.2	.0	.1	.0	.1	.0	.0	.4	2.8	9.6
NW	.1	.5	.4	3.0	.1	.6	.0	.1	.0	.2	.0	.0	.0	.0	.7	4.4	9.3
NNW	.1	.6	.5	3.6	.1	1.0	.0	.3	.0	.2	.0	.0	.0	.0	.8	5.6	9.4
CALM	3.3	22.2													3.3	22.2	
TOTAL	4.6	30.7	8.7	57.7	1.1	7.5	.4	2.6	.2	1.2	.0	.1	.0	.0	15.0	100	6.5

MEI MERIDIAN, MS
 CLASS 3 /DAY
 CEILING-VISIBILITY
 WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: MEI MERIDIAN, MS

PERIOD: 1949-1978

CLASS 3 / DAY

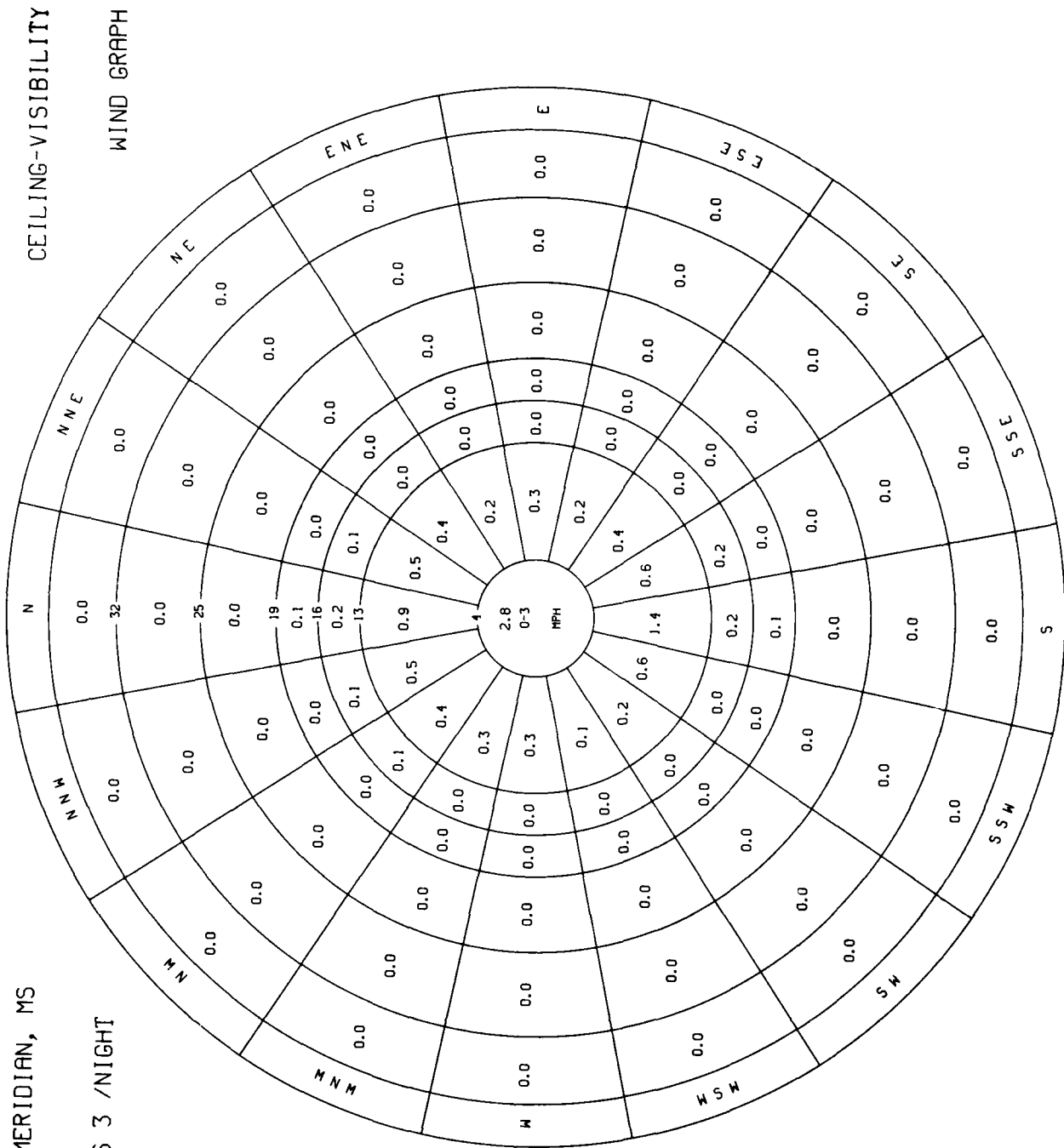
STATION NUMBER: 13865

NO. OBS.: 3961

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D
N	.1	.5	1.0	8.7	.2	1.4	.1	.6	.0	.1	.0	.0	.0	.0	.0	1.3	11.2	9.4
NNE	.0	.3	.5	4.9	.1	.5	.0	.3	.0	.0	.0	.0	.0	.0	.0	.7	6.0	8.6
NNE	.0	.3	.5	4.3	.0	.4	.0	.0	.0	.1	.0	.0	.0	.0	.0	.6	5.0	8.1
ENE	.0	.4	.3	3.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	3.5	7.2
E	.0	.4	.5	4.1	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.6	5.0	8.0
ESE	.0	.4	.3	2.4	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.0	.3	3.1	7.9
SE	.0	.3	.4	3.3	.0	.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	.5	4.1	8.7
SSE	.1	.6	.4	3.9	.1	.9	.0	.3	.0	.1	.0	.0	.0	.0	.0	.6	5.8	8.9
S	.1	1.1	1.2	10.6	.2	1.7	.1	.5	.0	.1	.0	.0	.0	.0	.0	1.6	14.0	8.8
SSW	.1	.8	.5	4.0	.0	.4	.0	.1	.0	.1	.0	.0	.0	.0	.0	.6	5.5	7.8
SW	.1	.5	.3	2.7	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.4	3.6	8.3
WSW	.0	.3	.2	1.6	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.0	.2	2.1	8.4
W	.0	.3	.3	2.2	.1	.6	.0	.2	.0	.1	.0	.0	.0	.0	.0	.4	3.5	9.5
WNW	.0	.2	.2	2.2	.1	.6	.0	.4	.0	.1	.0	.0	.0	.0	.0	.4	3.3	10.0
NW	.0	.2	.3	3.0	.1	.7	.0	.3	.0	.1	.0	.0	.0	.0	.0	.5	4.4	9.7
NNW	.1	.6	.5	4.3	.1	.9	.0	.4	.0	.1	.0	.0	.0	.0	.0	.7	6.3	9.2
CALM	1.5	13.6														1.5	13.6	
TOTAL	2.3	20.7	7.3	65.2	1.1	9.7	.4	3.2	.1	1.0	.0	.2	.0	.0	.0	11.2	100	7.6

MEI MERIDIAN, MS

CLASS 3 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: MEI MERIDIAN, MS

PERIOD: 1949-1978

CLASS 3 / NIGHT

STATION NUMBER: 13865

NO. OBS.: 3415

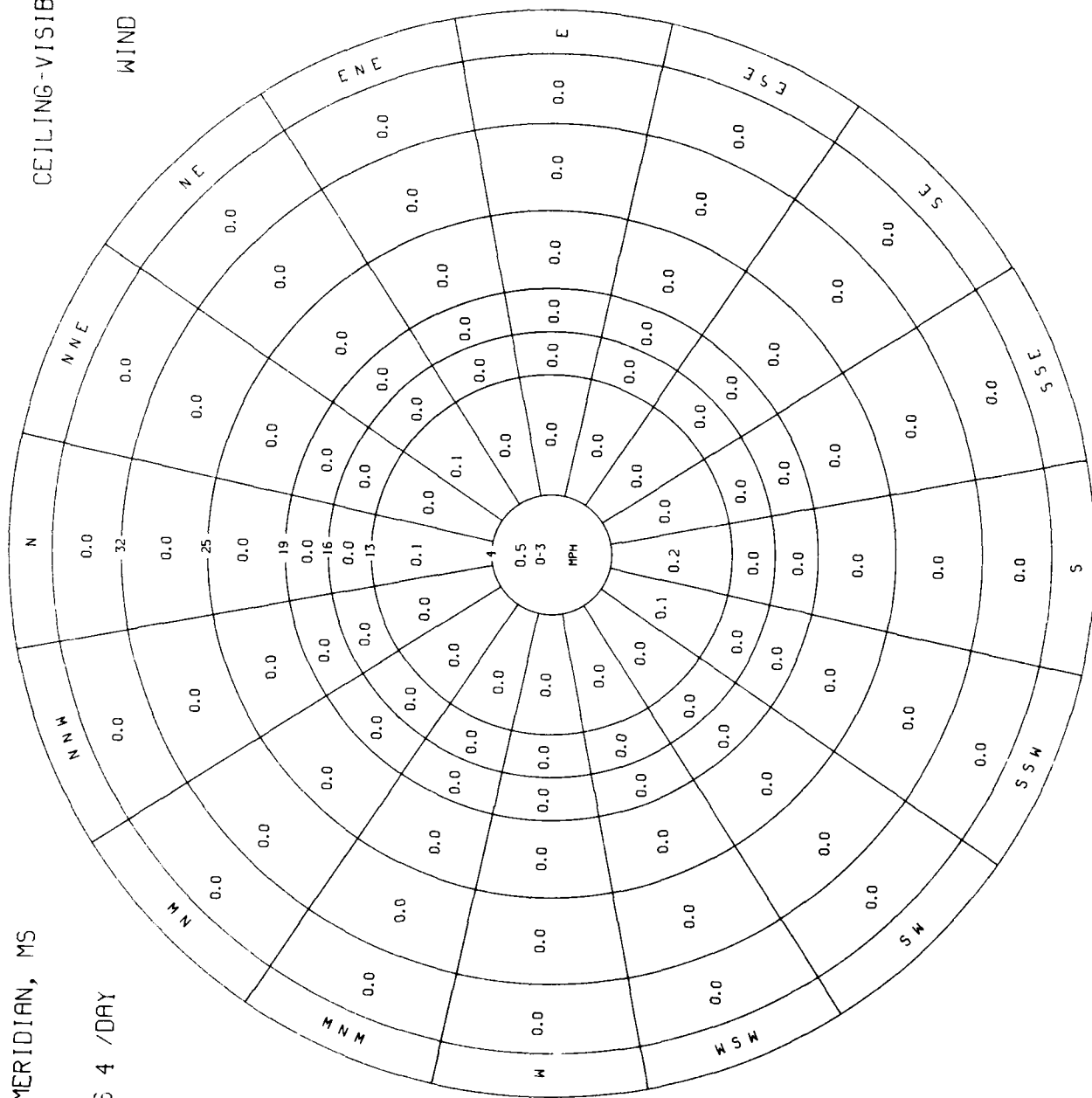
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.3	.9	8.0	.2	1.4	.1	.5	.0	.2	.0	.0	.0	.0	1.2 10.5
NNE	.0	.4	.5	4.4	.1	.9	.0	.1	.0	.0	.0	.0	.0	.0	.7 5.9
NE	.0	.3	.4	3.7	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.5 4.6
ENE	.0	.1	.2	2.0	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.3 2.5
E	.1	.5	.3	2.9	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.4 3.7
ESE	.0	.2	.2	1.9	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.3 2.2
SE	.1	.5	.4	3.2	.0	.2	.0	.0	.0	.1	.0	.0	.0	.0	.5 4.0
SSE	.1	.8	.6	5.1	.2	1.4	.0	.4	.0	.1	.0	.0	.0	.0	.9 7.8
S	.2	1.5	1.4	11.5	.2	1.6	.1	.7	.0	.1	.0	.0	.0	.0	1.8 15.4
SSW	.1	.8	.6	4.8	.0	.2	.0	.3	.0	.0	.0	.0	.0	.0	.7 6.1
SW	.1	.5	.2	1.9	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.3 2.6
WSW	.0	.2	.1	.7	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.0
W	.1	.5	.3	2.1	.0	.4	.0	.2	.0	.1	.0	.0	.0	.0	.4 3.3
WNW	.0	.3	.3	2.3	.0	.4	.0	.2	.0	.1	.0	.1	.0	.0	.4 3.3
NW	.0	.4	.4	3.4	.1	.8	.0	.2	.0	.3	.0	.0	.0	.0	.6 5.0
NNW	.1	.5	.5	3.9	.1	1.2	.0	.4	.0	.2	.0	.0	.0	.0	.7 6.1
CALM	1.9	16.1													1.9 16.1
TOTAL	2.8	23.8	7.3	61.9	1.1	9.4	.4	3.3	.2	1.5	.0	.1	.0	.0	11.9 100
															7.4

MEI MERIDIAN, MS

CLASS 4 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: MEI MERIDIAN, MS

PERIOD: 1949-1978

CLASS 4 / DAY

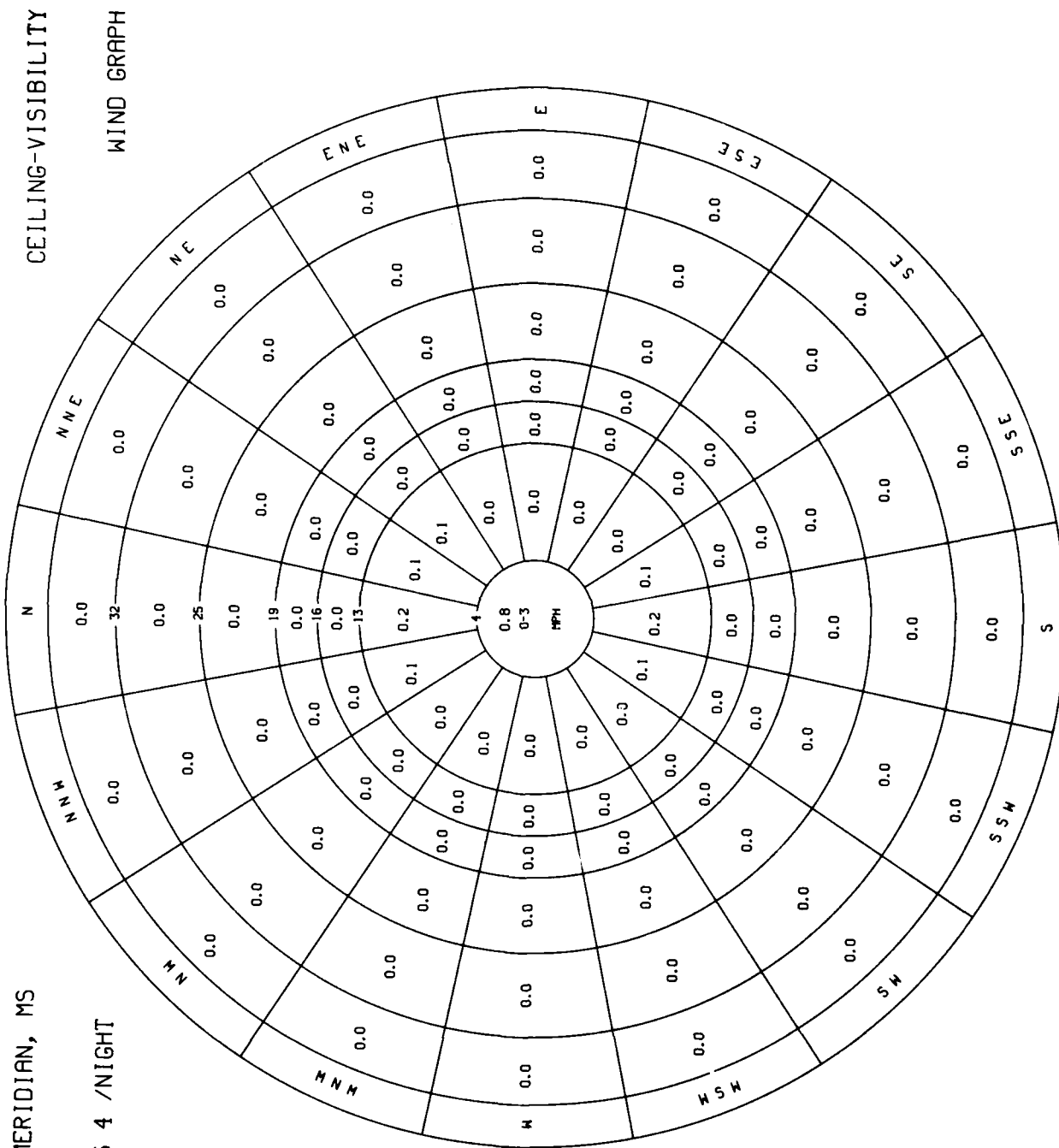
STATION NUMBER: 13865

NO. OBS.: 442

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	1.6	.1	5.7	.0	.9	.0	.0	.0	.2	.0	.0	.0	.0	.1	8.4	
NNE	.0	.2	.0	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	
NE	.0	.5	.1	5.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.7	
ENE	.0	.5	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	
E	.0	.2	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	
ESE	.0	.2	.0	.7	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	
SE	.0	.5	.0	2.5	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	3.4	
SSE	.0	1.8	.0	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.2	
S	.0	2.0	.2	14.9	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	17.2	
SSW	.0	2.0	.1	7.5	.0	.5	.0	.0	.0	.2	.0	.0	.0	.0	.1	10.2	
SW	.0	.7	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	
WSW	.0	.5	.0	.7	.0	.0	.0	.5	.0	.2	.0	.0	.0	.0	.0	1.8	
W	.0	.7	.0	.7	.0	.2	.0	.0	.0	.5	.0	.2	.0	.0	.0	2.3	
WNW	.0	.0	.0	1.4	.0	.5	.0	.2	.0	.0	.0	.0	.0	.0	.0	2.0	
NW	.0	.7	.0	1.6	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	2.5	
NNW	.0	.9	.0	2.5	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	3.6	
CALM	.3	25.3													.3	25.3	
TOTAL	.5	38.2	.7	56.1	.0	2.7	.0	1.6	.0	1.1	.0	.2	.0	.0	1.2	100	
																5.2	

MEI MERIDIAN, MS

CLASS 4 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: MEI MERIDIAN, MS

PERIOD: 1949-1978

CLASS 4 / NIGHT

STATION NUMBER: 13865

NO. OBS.: 496

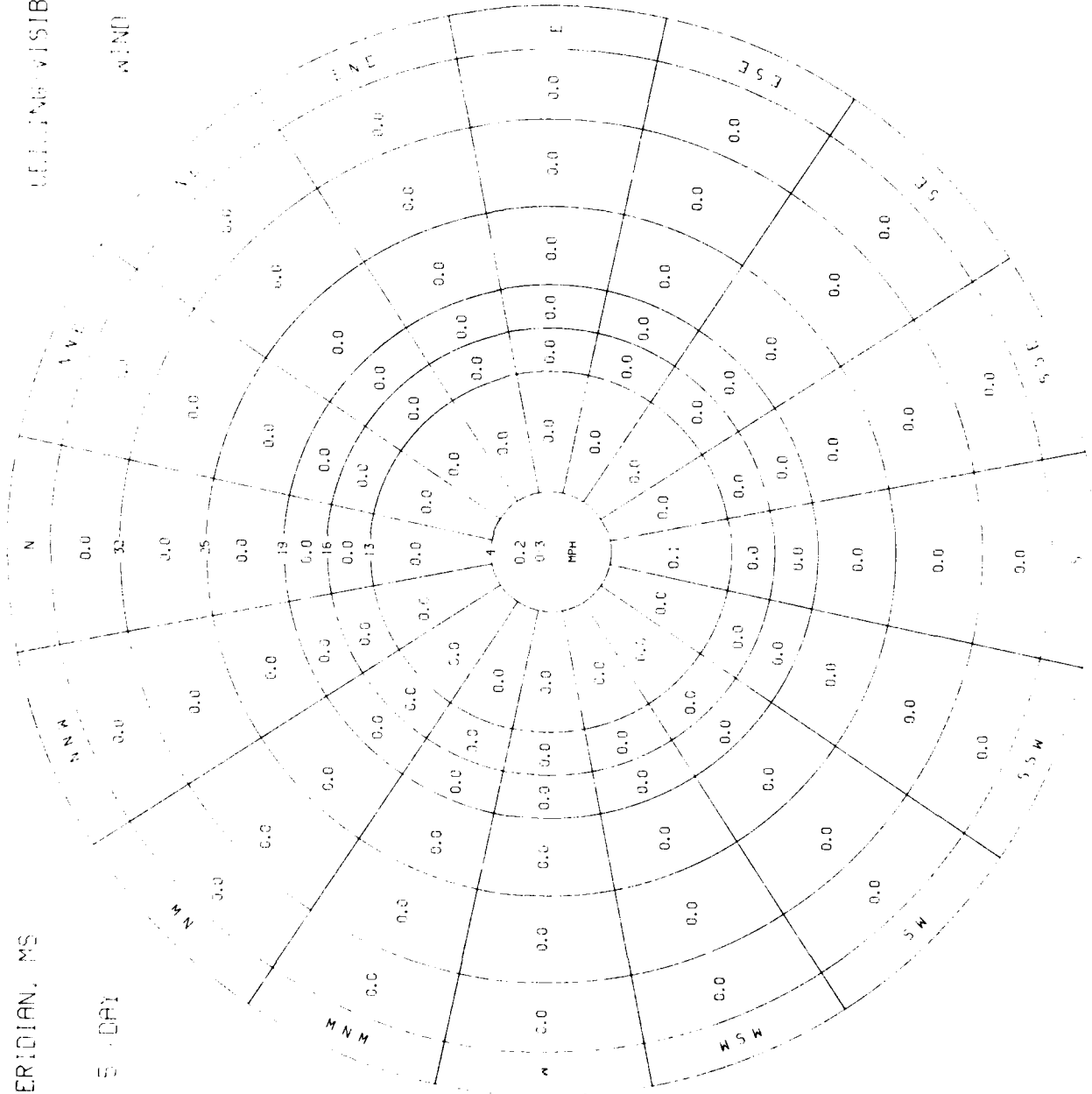
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	1.6	.2	8.9	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.2 10.7
NNE	.0	.6	.1	4.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 5.2
NE	.0	.6	.1	4.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 4.6
ENE	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .4
E	.0	1.0	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.4
ESE	.0	.4	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.0
SE	.0	.6	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.2
SSE	.0	.0	.1	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 3.4
S	.0	2.8	.2	11.1	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.2 14.3
SSW	.0	.8	.1	6.7	.0	.4	.0	.2	.0	.0	.0	.0	.0	.0	.1 8.1
SW	.0	.2	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.6
WSW	.0	.8	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.2
W	.0	.4	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.4
WNW	.0	.2	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.0
NW	.0	.6	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.2
NNW	.0	.6	.1	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 3.6
CALM	.6	35.5													.6 35.5
TOTAL	.8	46.8	.9	52.0	.0	.6	.0	.4	.0	.2	.0	.0	.0	.0	1.7 100

MEI MERIDIAN, MS

CLASS 5 - DAY

CEILING VISIBILITY

WIND GRAPH



CEILING VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1979

STATION NAME: MET. MARIKAN, MO

CLASS: 6-1041

NO. 12514 135

STATION NUMBER: 1949

		SPEED GROUPS (MPH)													
		0-7	8-11	12-15	16-19	20-24	25-31	32+	TOTAL						
H	W													WIND	DIR.
		A	B	C	D	E	F	G	H	I	J	K	L		
0	0														
0	1														
0	2														
0	3														
0	4														
0	5														
0	6														
0	7														
0	8														
0	9														
0	10														
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0	76														
0	77														
0	78														
0	79														
0	80														
0	81														
0	82														
0	83														
0	84														
0	85														
0	86														
0	87														
0	88														
0	89														
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0	91														
0	92														
0	93														
0	94														
0	95														
0	96														
0	97														
0	98														
0	99														
0	100														

AD-A108 159

NATIONAL CLIMATIC CENTER ASHEVILLE NC

F/G 4/2

WIND - CEILING - VISIBILITY DATA AT SELECTED AIRPORTS. VOLUME I--ETC(U)
JUN 81 DOT-FA79WAI-057

JUN 81

DOT-FA79WAI-057

24

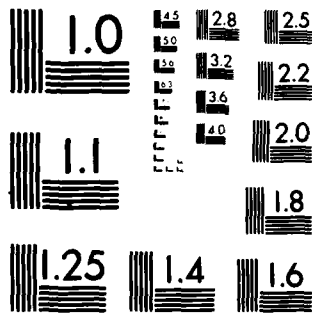
UNCLASSIFIED

225

5

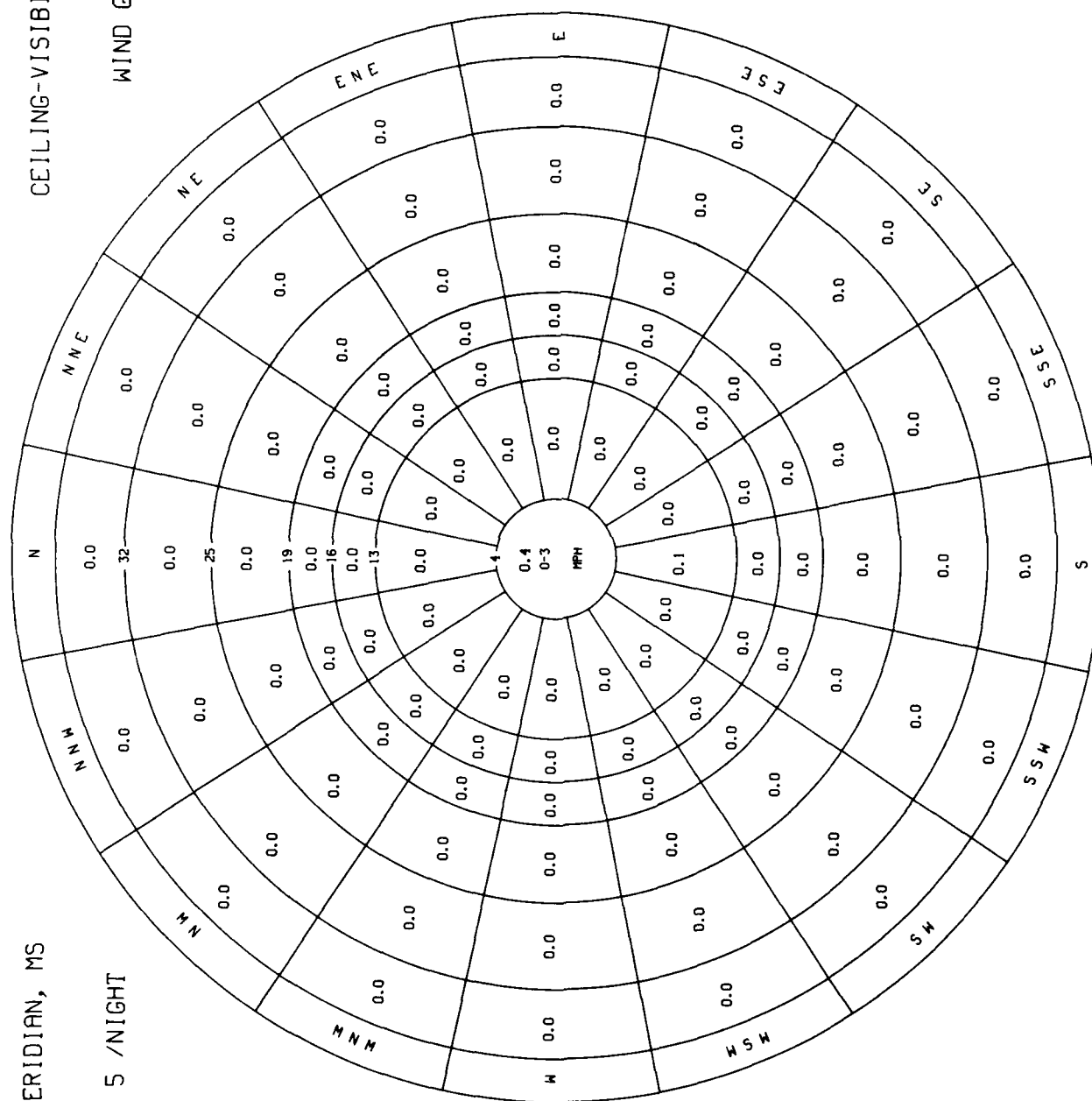
2 5

08/59



CEILING-VISIBILITY

WIND GRAPH



MEI MERIDIAN, MS

CLASS 5 / NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: MEI MERIDIAN, MS

PERIOD: 1949-1978

CLASS 5 / NIGHT

STATION NUMBER: 13865

NO. OBS.: 198

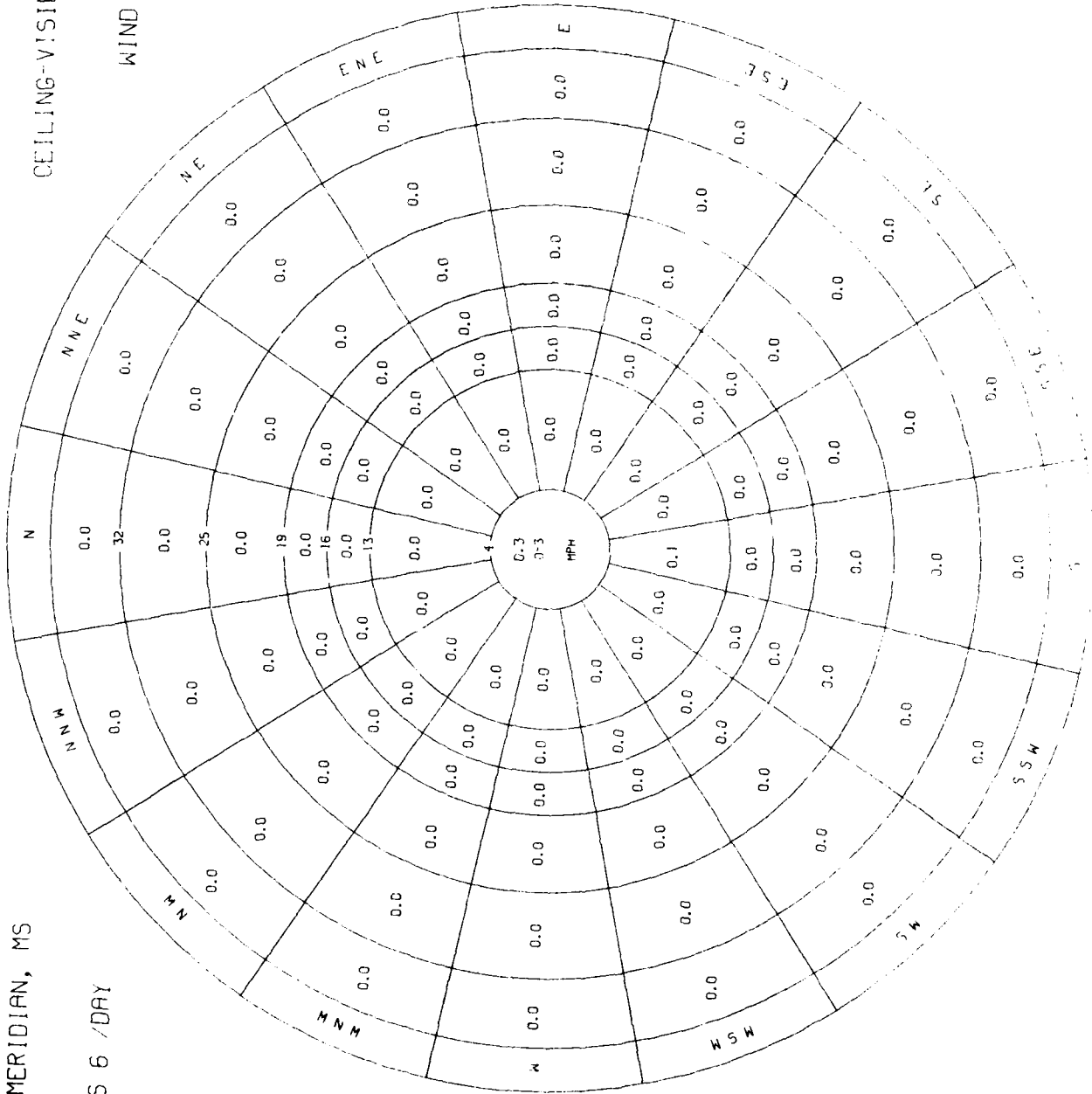
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D
N	.0	1.5	.0	5.6	.0	.0	.0	.0	.0	.5	.0	.0	.0	.0	.0	.1	7.6	6.3
NNE	.0	.5	.0	3.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	5.5
NE	.0	1.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	7.3
ENE	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	6.0
E	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	4.5
ESE	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	6.0
SE	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	6.0
SSE	.0	1.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	5.2
S	.0	1.5	.1	11.6	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	13.6	6.4
SSW	.0	2.0	.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.1	5.1
SW	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	3.0
WSW	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	4.0
W	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	5.5
WNW	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	6.0
NW	.0	.5	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	6.0
NNW	.0	1.5	.0	1.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	6.1
CALM	.4	52.5														.4	52.5	
TOTAL	.4	63.6	.2	34.8	.0	1.0	.0	.0	.0	.5	.0	.0	.0	.0	.0	.7	100	2.8

MEI MERIDIAN, MS

CLASS 6 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: MEI MERIDIAN, MS

PERIOD: 1949-1978

CLASS 6 / DAY

STATION NUMBER: 13865

NO. OBS.: 171

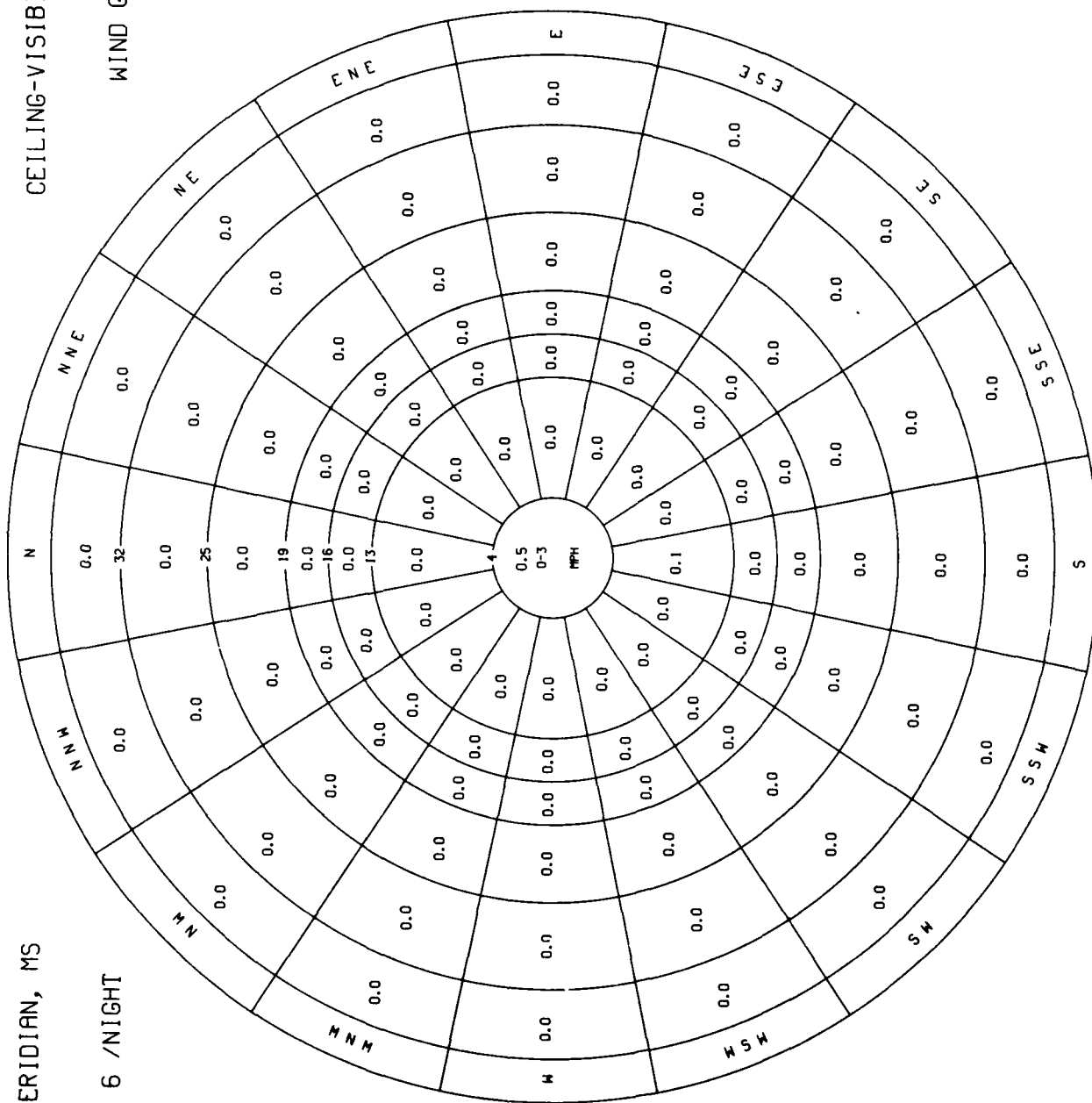
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C
N	.0	.0	.0	4.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	5.9
NNE	.0	.6	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	6.2
NE	.0	.0	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	7.2
ENE	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	5.0
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	6.0
SSE	.0	.6	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	5.0
S	.0	4.7	.1	13.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	18.1	5.2
SSW	.0	2.3	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	4.0
SW	.0	.6	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	5.2
WSW	.0	.6	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	4.0
W	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	3.0
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	5.0
NNW	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	6.0
CALM	.3	59.1													.3	59.1	
TOTAL	.3	69.0	.1	31.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	100	2.2

MEI MERIDIAN, MS

CLASS 6 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: MEI MERIDIAN, MS

PERIOD: 1949-1978

CLASS 6 / NIGHT

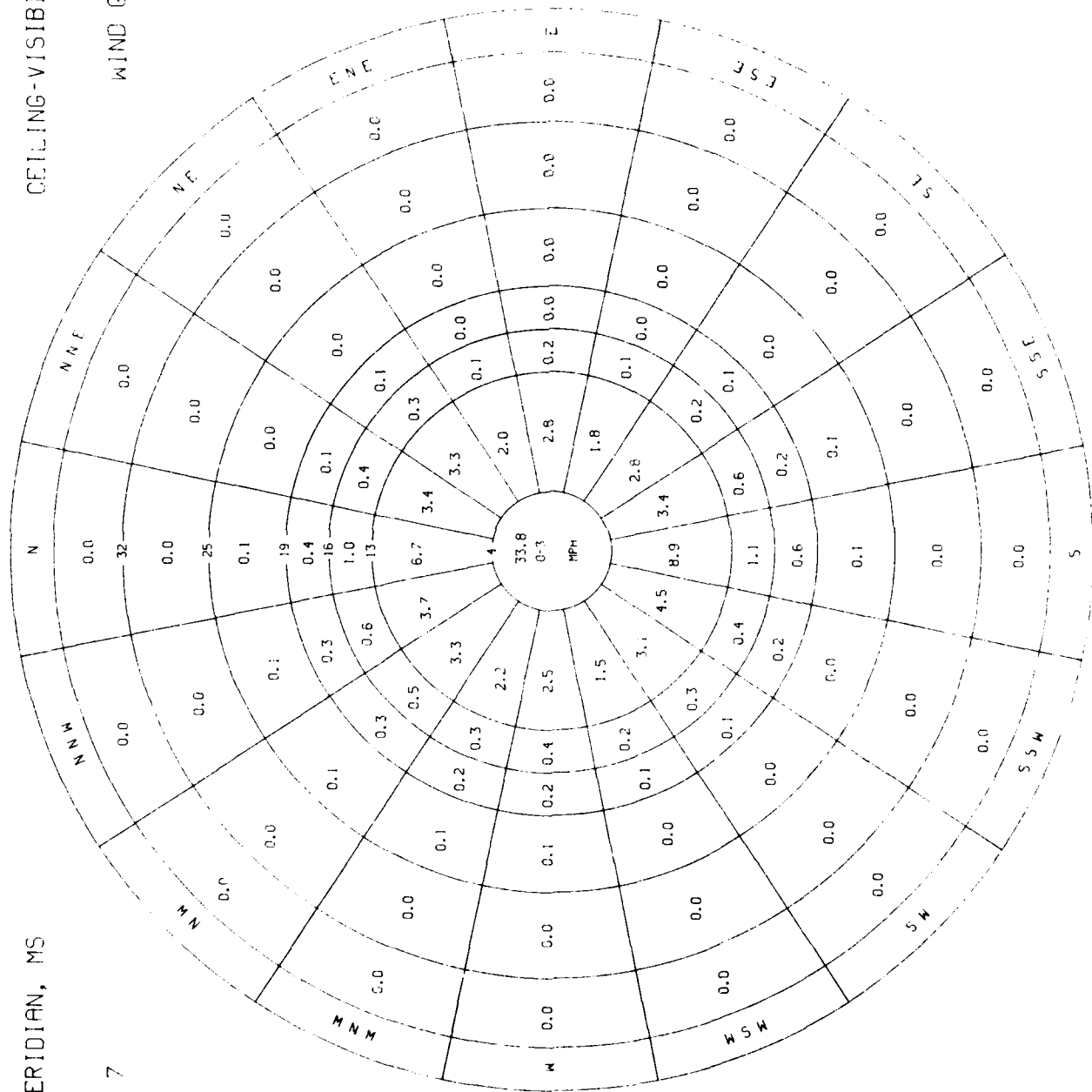
STATION NUMBER: 13865

NO. OBS.: 212

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	.9	.0	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7	5.3
NNE	.0	1.9	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	3.7
NE	.0	.0	.0	1.4	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	1.9	8.5
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
E	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	3.0
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSE	.0	.0	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	5.7
S	.0	5.7	.1	8.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	14.2	5.1
SSW	.0	.5	.0	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	6.7
SW	.0	.9	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	4.4
WSW	.0	.0	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	5.3
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	.9	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	4.7
NNW	.0	1.9	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	4.2
CALM	5.61.3														5.61.3		
TOTAL	5.74.5		2.25.0		.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.7	100	2.0

CEILING-VISIBILITY

WIND GRAPH

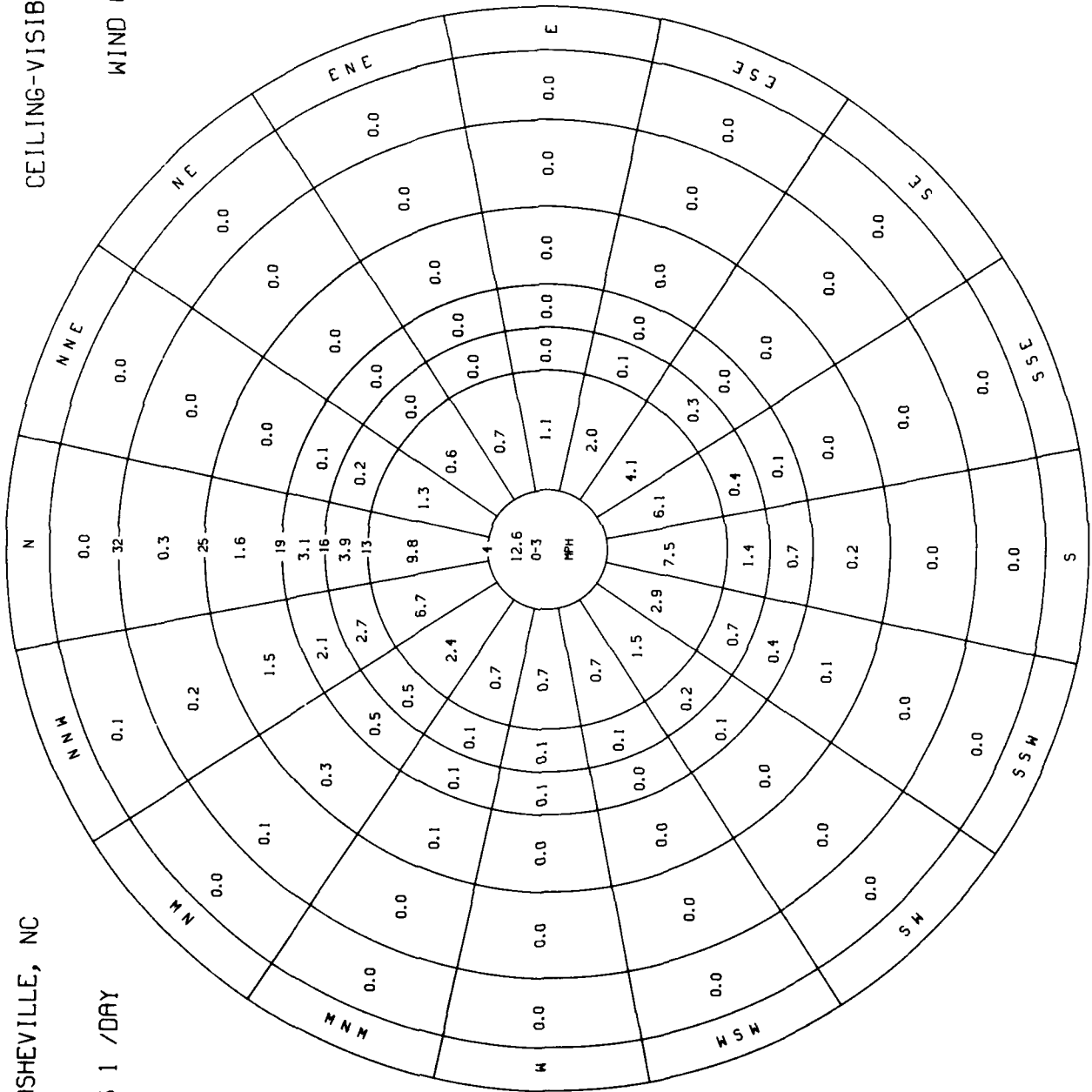


CEILING-VISIBILITY

WIND GRAPH

AVL ASHEVILLE, NC

CLASS 1 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: AVL ASHEVILLE, NC

PERIOD: 1965-1978

CLASS 1 / DAY

STATION NUMBER: 03812

NO. OBS.: 19011

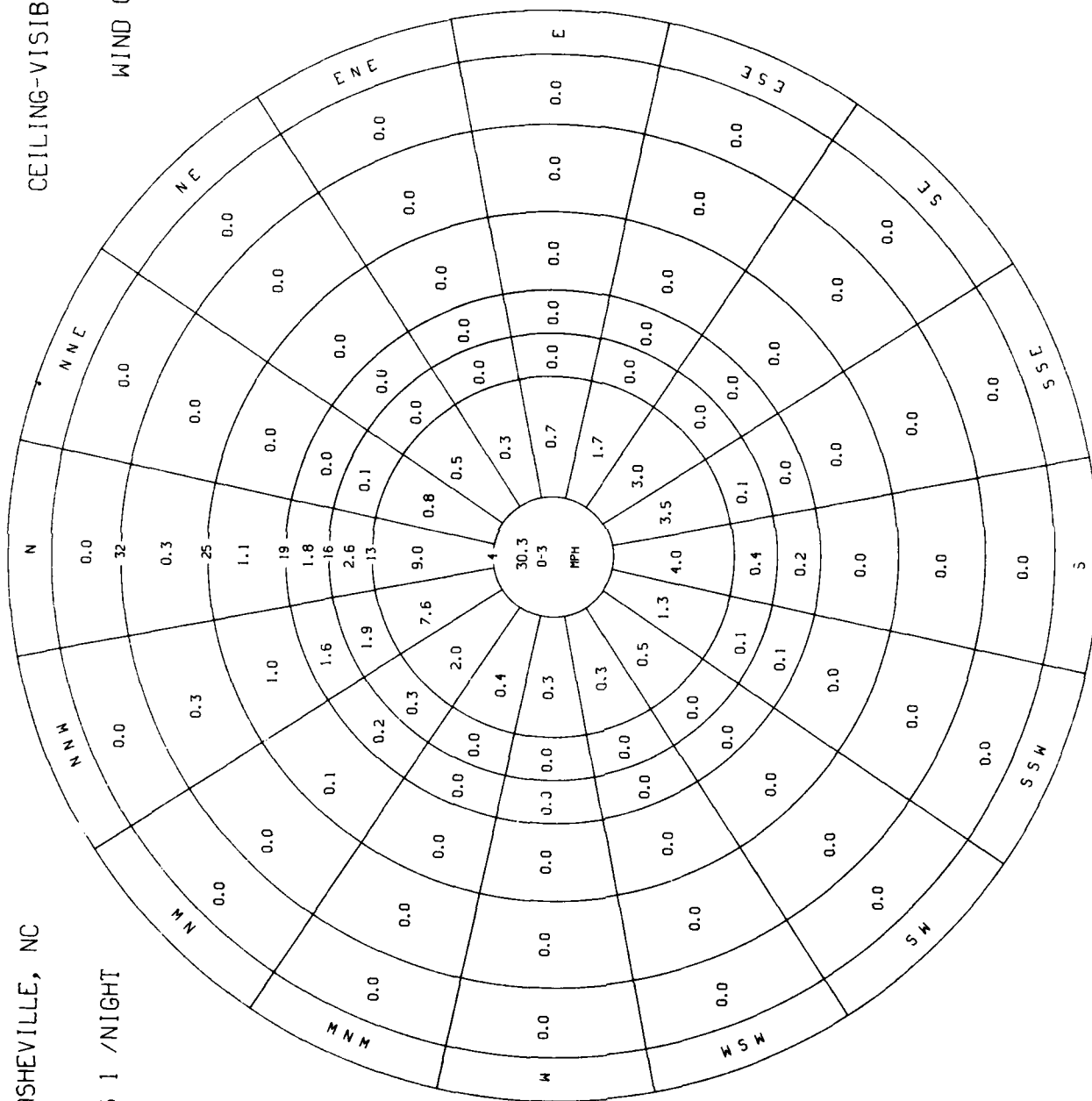
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.8	1.0	9.8	11.7	3.9	4.7	3.1	3.7	1.6	1.9	.3	.4	.0	.0	19.6	23.3	12.2
NNE	.3	.4	1.3	1.6	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	1.9	2.3	7.9
NE	.3	.4	.6	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.2	5.9
ENE	.2	.3	.7	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	1.1	5.8
E	.4	.4	1.1	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	1.8	6.2
ESE	.6	.8	2.0	2.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.8	3.3	6.7
SE	.9	1.0	4.1	4.9	.3	.3	.0	.1	.0	.0	.0	.0	.0	.0	5.3	6.3	7.1
SSE	1.2	1.4	6.1	7.3	.4	.5	.1	.1	.0	.0	.0	.0	.0	.0	7.9	9.3	7.2
S	1.2	1.4	7.5	9.0	1.4	1.6	.7	.9	.2	.3	.0	.0	.0	.0	11.1	13.2	9.0
SSW	.7	.9	2.9	3.4	.7	.8	.4	.5	.1	.2	.0	.0	.0	.0	4.8	5.7	9.1
SW	.6	.7	1.5	1.8	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0	2.4	2.9	7.3
WSW	.4	.5	.7	.9	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.3	1.5	5.9
W	.4	.5	.7	.9	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	1.4	1.6	6.8
WNW	.3	.3	.7	.8	.1	.2	.1	.1	.1	.1	.0	.0	.0	.0	1.3	1.5	8.4
NW	.6	.7	2.4	2.9	.5	.6	.5	.5	.3	.3	.1	.1	.0	.0	4.3	5.1	9.8
NNW	.6	.7	6.7	7.9	2.7	3.2	2.1	2.5	1.5	1.7	.2	.3	.1	.1	13.7	16.3	12.3
CALM	3.0	3.6													3.0	3.6	
TOTAL	12.6	14.9	49.0	58.2	10.7	12.7	7.4	8.7	3.8	4.6	.6	.7	.1	.1	84.2	100	9.4

AVL ASHEVILLE, NC

CLASS 1 / NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: AVL ASHEVILLE, NC

PERIOD: 1965-1978

CLASS 1 / NIGHT

STATION NUMBER: 03812

NO. OBS.: 14446

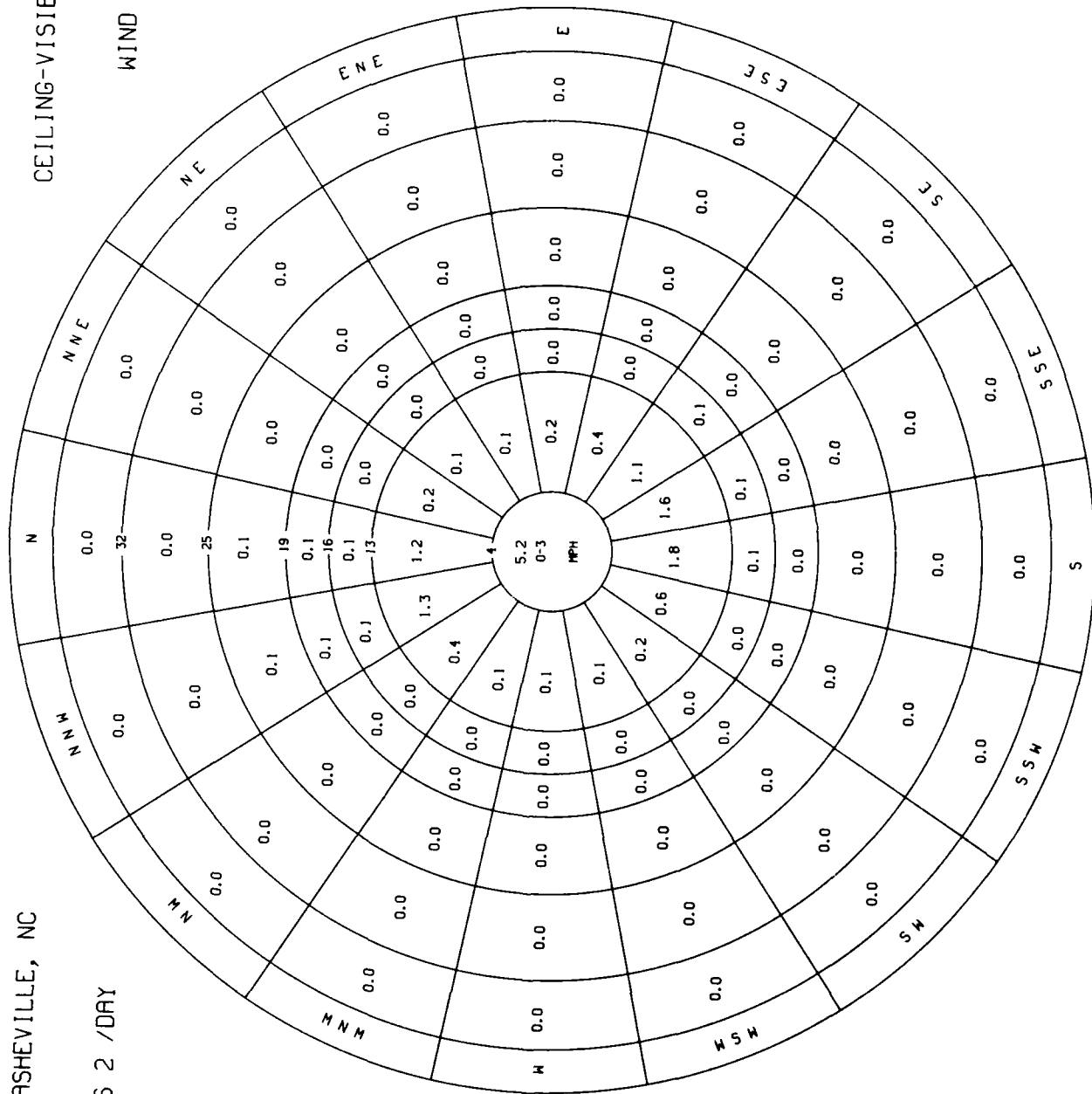
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	1.7	2.1	9.0	11.4	2.6	3.3	1.8	2.2	1.1	1.4	.3	.4	.0	.0	16.4 20.8
NNE	.4	.6	.8	1.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.3 1.7
NE	.5	.6	.5	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0 1.2
ENE	.4	.5	.3	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7 .9
E	.7	.9	.7	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4 1.8
ESE	1.7	2.2	1.7	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4 4.4
SE	2.2	2.7	3.0	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.2 6.6
SSE	2.3	3.0	3.5	4.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	6.0 7.6
S	2.3	2.9	4.0	5.1	.4	.6	.2	.2	.0	.1	.0	.0	.0	.0	7.0 8.9
SSW	.9	1.1	1.3	1.6	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	2.4 3.0
SW	.7	.9	.5	.6	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.2 1.6
WSW	.5	.6	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7 .9
W	.5	.7	.3	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9 1.1
WNW	.5	.6	.4	.5	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	1.0 1.3
NW	1.0	1.3	2.0	2.5	.3	.4	.2	.3	.1	.1	.0	.1	.0	.0	3.6 4.6
NNW	1.9	2.4	7.6	9.7	1.9	2.4	1.6	2.0	1.0	1.3	.3	.4	.0	.1	14.4 18.3
CALM	12.1	15.4													12.1 15.4
TOTAL	30.3	38.4	35.9	45.5	5.6	7.1	3.9	5.0	2.3	3.0	.7	.9	.1	.1	78.8 100
															6.7

AVL ASHEVILLE, NC

CLASS 2 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: AVL ASHEVILLE, NC

PERIOD: 1965-1978

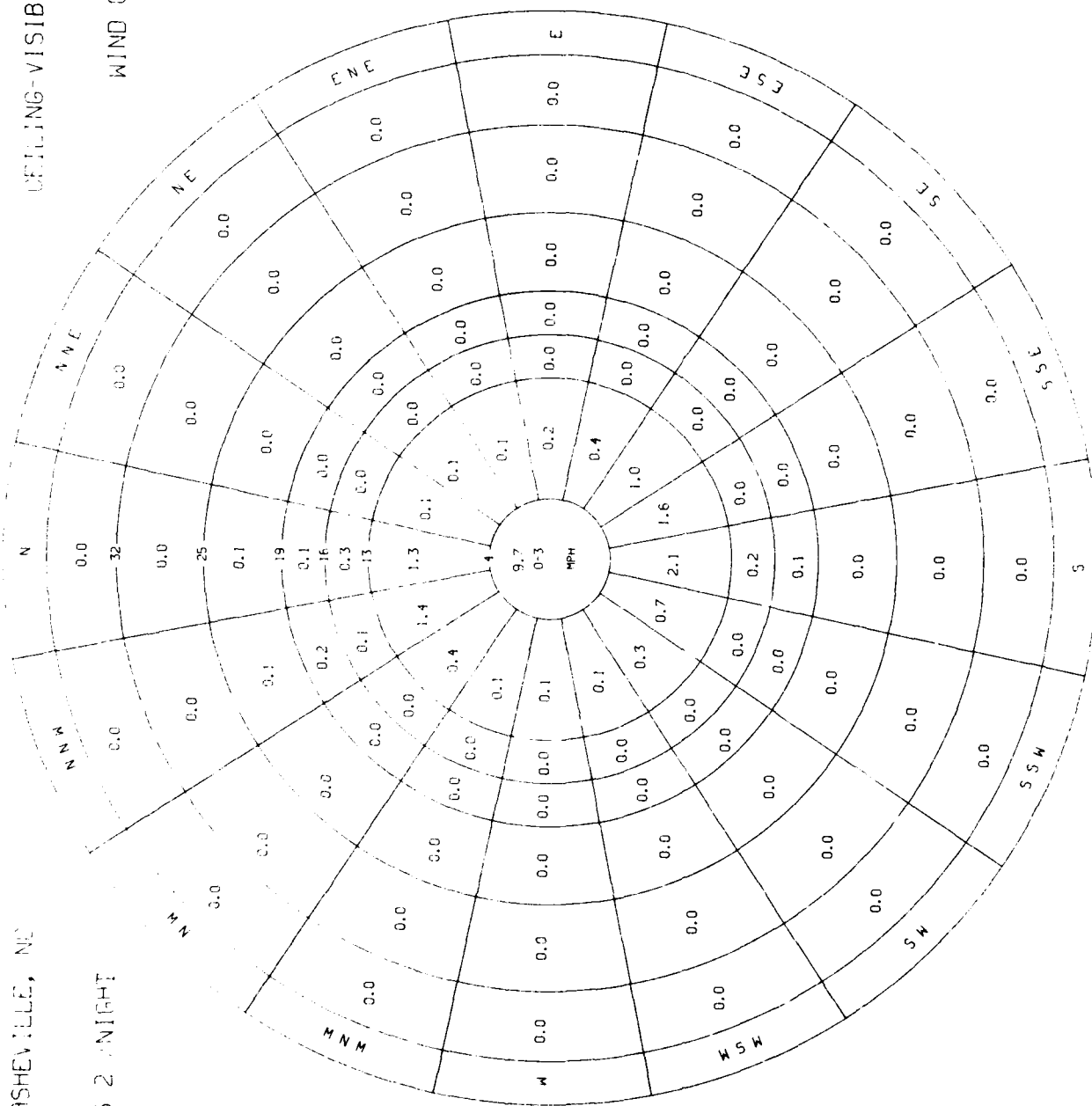
CLASS 2 / DAY

STATION NUMBER: 03812

NO. OBS.: 3569

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C
N	.3	2.2	1.2	7.8	.1	.7	.1	.6	.1	.6	.0	.2	.0	.1	1.9	12.2	8.4
NNE	.1	.6	.2	1.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.3	1.7	5.7
NE	.1	.5	.1	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.1	4.8
ENE	.1	.4	.1	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.0	4.8
E	.1	.7	.2	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	1.8	5.4
ESE	.2	1.0	.4	2.8	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.6	4.0	6.3
SE	.4	2.3	1.1	6.8	.1	.3	.0	.1	.0	.0	.0	.0	.0	.0	1.5	9.5	6.5
SSE	.4	2.4	1.6	9.9	.1	.5	.0	.1	.0	.1	.0	.0	.0	.0	2.1	13.0	6.8
S	.5	3.0	1.8	11.3	.1	.9	.0	.2	.0	.1	.0	.0	.0	.0	2.5	15.6	7.3
SSW	.2	1.6	.6	3.7	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.9	5.6	6.4
SW	.2	1.4	.2	1.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.4	2.8	4.8
WSW	.1	.9	.1	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	1.6	4.3
W	.1	.9	.1	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	1.6	4.3
WNW	.1	.9	.1	.7	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.3	1.7	4.3
NW	.3	1.8	.4	2.3	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.7	4.3	5.4
NNW	.4	2.3	1.3	8.4	.1	.6	.1	.5	.1	.4	.0	.2	.0	.0	2.0	12.4	7.8
CALM	1.6	10.1													1.6	10.1	
TOTAL	5.2	33.1	9.5	59.8	.6	3.7	.3	1.7	.2	1.2	.1	.4	.0	.1	15.8	100	6.1

AVL ASHEVILLE, NC
 CLASS 2 NIGHT
 OFFILING-VISIBILITY
 WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: AVL ASHEVILLE, NC

PERIOD: 1965-1978

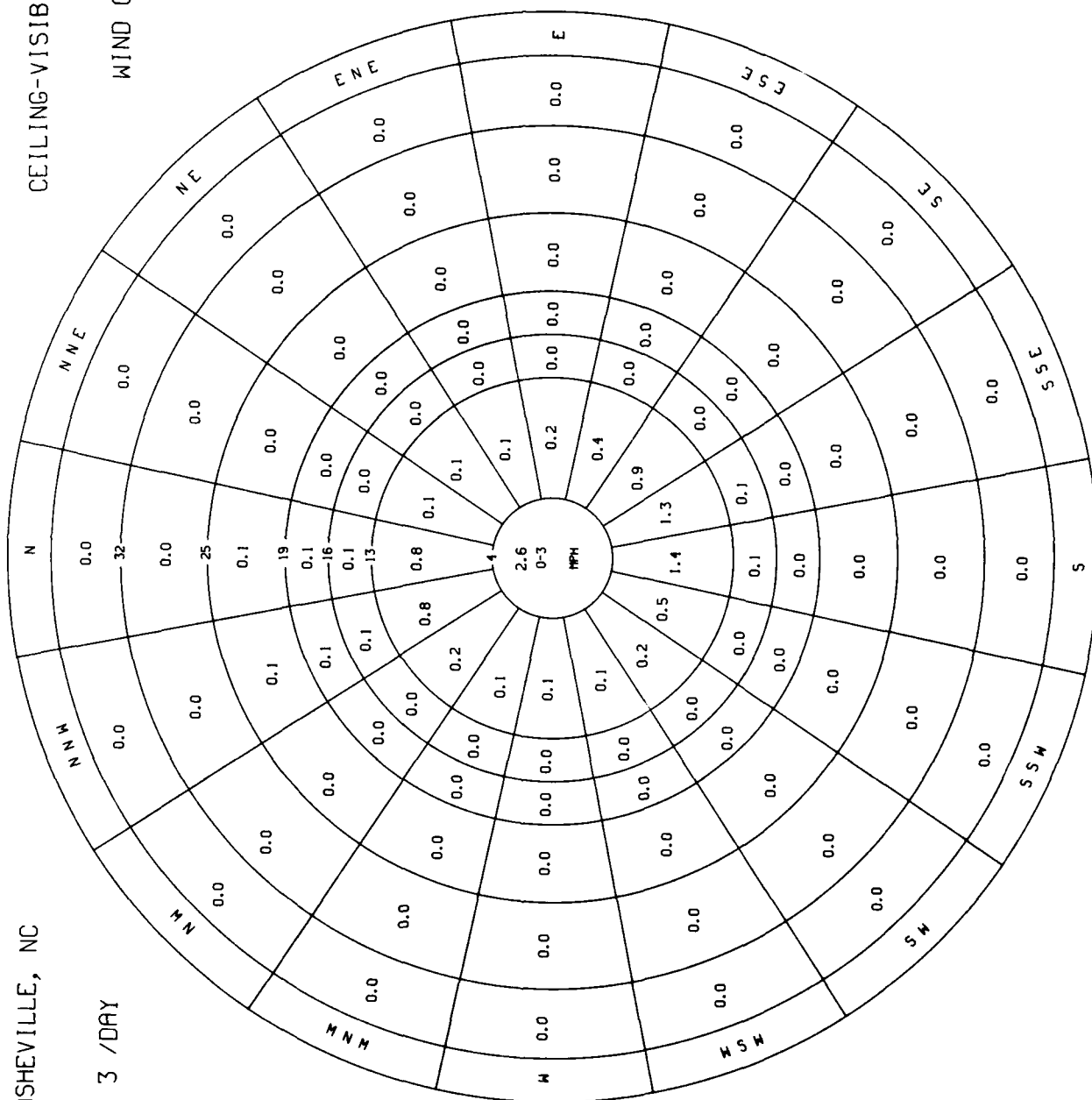
CLASS 2 / NIGHT

STATION NUMBER: 039.2

NO. OBS.: 3878

C I R	SPEED GROUPS (MPH)														AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		
N	.5	2.3	1.3	6.3	.3	1.3	.1	.6	.1	.5	.0	.1	.0	.0	2.4 11.2	3.6
NNE	.2	1.1	.1	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4 1.7	4.3
NNE	.1	.3	.1	.3	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1 .7	5.6
NNE	.1	.5	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 .9	3.8
E	.3	1.2	.2	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5 2.4	4.4
ESE	.4	1.7	.4	2.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.8 3.7	5.9
ESE	.6	2.9	1.0	4.8	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	1.7 7.9	5.6
SE	.2	4.4	1.6	7.6	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	2.6 12.2	5.5
SE	.7	3.4	2.1	9.9	.2	1.0	.1	.3	.0	.1	.0	.0	.0	.0	3.1 14.5	6.0
SEW	.4	2.1	.7	3.1	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	1.1 5.4	5.6
SW	.3	1.4	.3	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6 2.8	4.8
WSW	.5	1.1	.1	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4 1.7	4.0
W	.1	.3	.1	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3 1.7	3.5
WNW	.1	.7	.1	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 1.1	3.9
NNW	.5	2.2	.4	2.1	.0	.1	.0	.0	.0	.1	.0	.1	.0	.0	1.0 4.6	4.9
CALM	.6	2.7	.4	6.5	.1	.7	.2	.7	.1	.5	.0	.0	.0	.1	2.4 11.2	7.7
TOTAL	9.7	45.9	10.0	47.2	.7	3.4	.4	1.9	.3	1.2	.1	.3	.0	.1	3.5 16.5	5.2

AVL ASHEVILLE, NC
 CLASS 3 /DAY
 CEILING-VISIBILITY
 WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: AVL ASHEVILLE, NC

PERIOD: 1965-1978

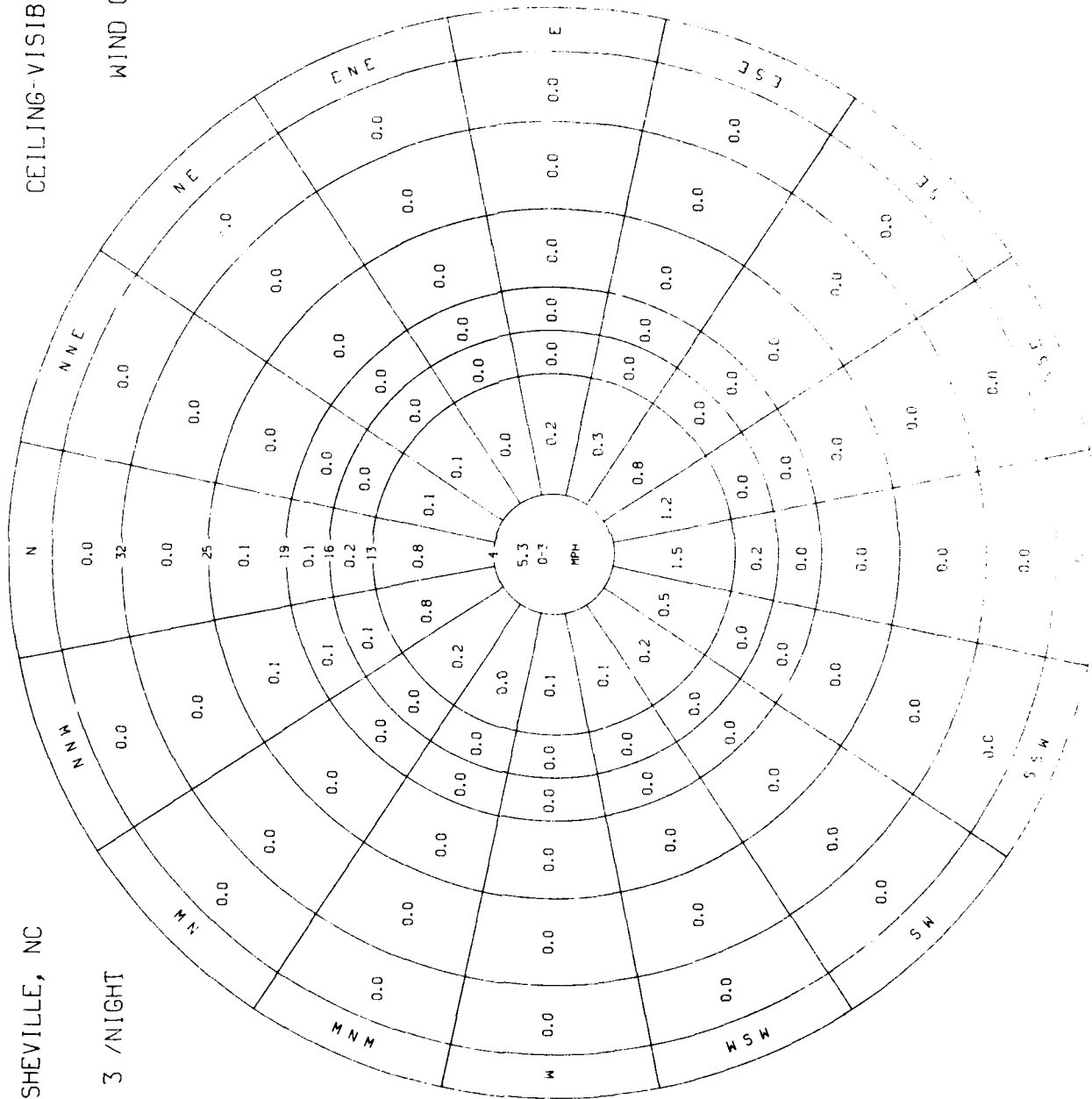
CLASS 3 / DAY

STATION NUMBER: 03812

NO. OBS.: 2416

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.2	1.6	.8	7.5	.1	1.0	.1	.9	.1	.7	.0	.2	.0	.0	1.3 12.0
NNE	.1	.6	.1	1.2	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.2 1.9
NE	.0	.5	.1	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.2
ENE	.0	.5	.1	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.2
E	.1	.5	.2	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.2
ESE	.1	.8	.4	3.6	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2 2.1
SE	.2	2.1	.9	8.9	.0	.5	.0	.1	.0	.0	.0	.0	.0	.0	.5 4.6
SSE	.2	2.0	1.3	11.9	.1	.6	.0	.2	.0	.1	.0	.0	.0	.0	1.2 11.5
S	.2	2.3	1.4	12.6	.1	1.1	.0	.2	.0	.1	.0	.0	.0	.0	1.6 14.8
SSW	.1	1.3	.5	4.2	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	1.8 16.5
SW	.1	1.2	.2	1.5	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.7 6.1
WSW	.1	.8	.1	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3 2.8
W	.1	.9	.1	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 1.6
WNW	.1	.8	.1	.5	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2 1.7
NW	.1	1.2	.2	1.6	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.1 1.4
NNW	.1	1.2	.8	7.5	.1	.8	.1	.7	.1	.5	.0	.2	.0	.0	.3 3.1
CALM	.7	6.4													1.2 10.9
TOTAL	2.6	24.7	7.0	65.8	.5	4.8	.3	2.4	.2	1.7	.1	.5	.0	.1	10.7 100
															.7 6.4
															6.9

AVL ASHEVILLE, NC CLASS 3 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: AVL ASHEVILLE, NC

PERIOD: 1965-1978

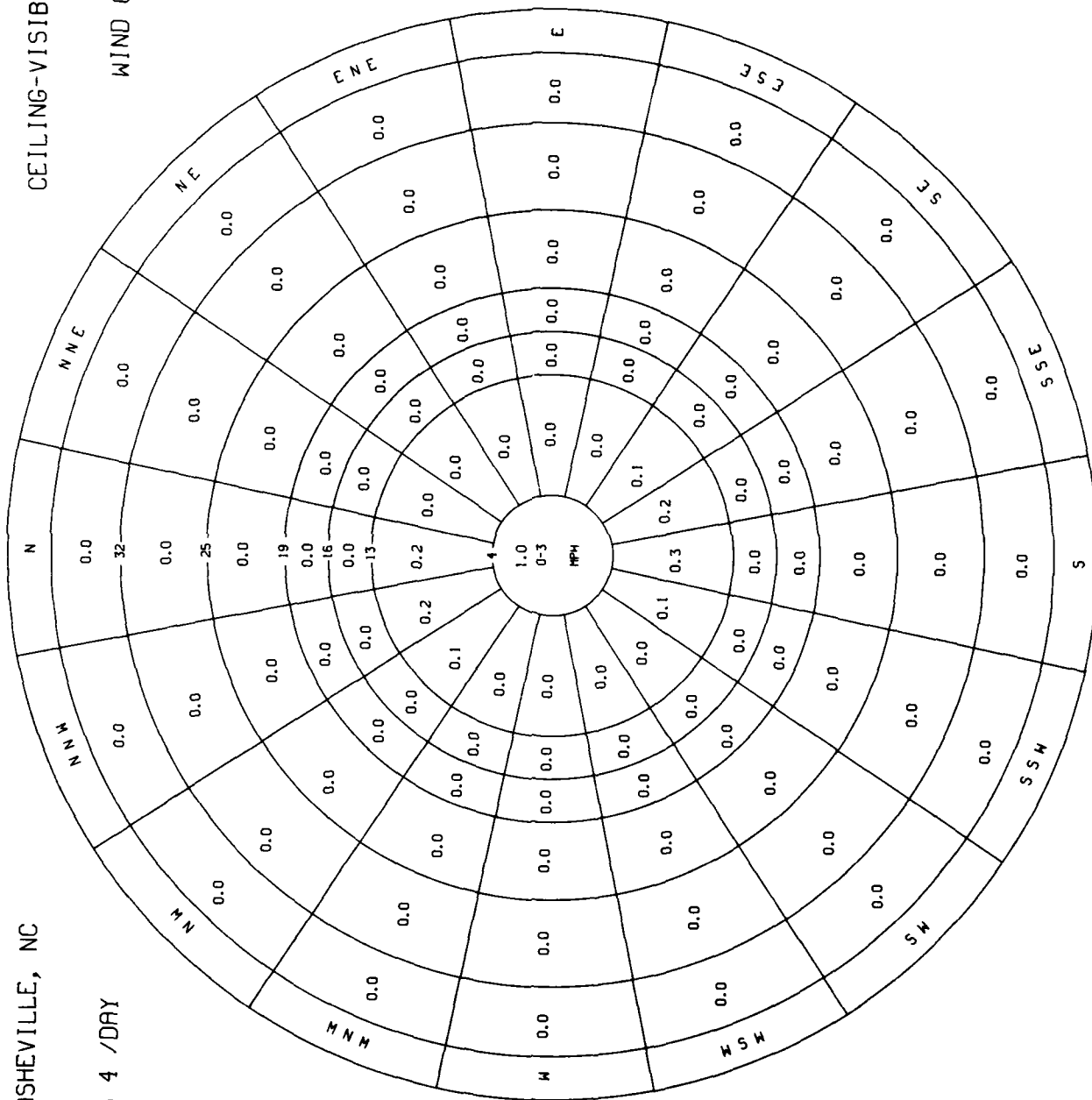
CLASS 3 / NIGHT

STATION NUMBER: 03812

NO. OBS.: 2467

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.3	2.3	.8	6.3	.2	1.8	.1	1.0	.1	.8	.0	.2	.0	.0	1.7 12.4
NNE	.1	1.0	.1	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 1.8
NENE	.3	.3	.1	.4	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1 .6
ENE	.1	.4	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 .6
E	.1	.9	.2	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 .8
ESE	.2	1.5	.3	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3 2.0
SE	.4	2.9	.8	6.1	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.6 4.1
SSE	.5	3.7	1.2	9.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	1.2 9.2
S	.1	2.9	1.5	10.9	.2	1.2	.0	.3	.0	.1	.0	.0	.0	.0	1.7 13.0
SSW	.2	1.7	.5	3.4	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	2.1 15.5
SW	.2	1.5	.2	1.7	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.7 5.4
WSW	.1	1.0	.1	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4 3.3
W	.1	1.0	.1	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 1.5
WNW	.1	.7	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 1.4
NW	.3	1.9	.2	1.5	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.1
NNW	.3	2.1	.8	5.9	.1	.9	.1	1.1	.1	.6	.0	.0	.0	.0	.5 3.7
CALM	1.8	13.3													1.4 10.7
TOTAL	5.3	39.1	6.9	51.3	.6	4.7	.4	2.8	.2	1.7	.0	.4	.0	.0	13.5 100
															5.9

AVL ASHEVILLE, NC
 CLASS 4 /DAY
 CEILING-VISIBILITY
 WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: AVL ASHEVILLE, NC

PERIOD: 1965-1978

CLASS 4 / DAY

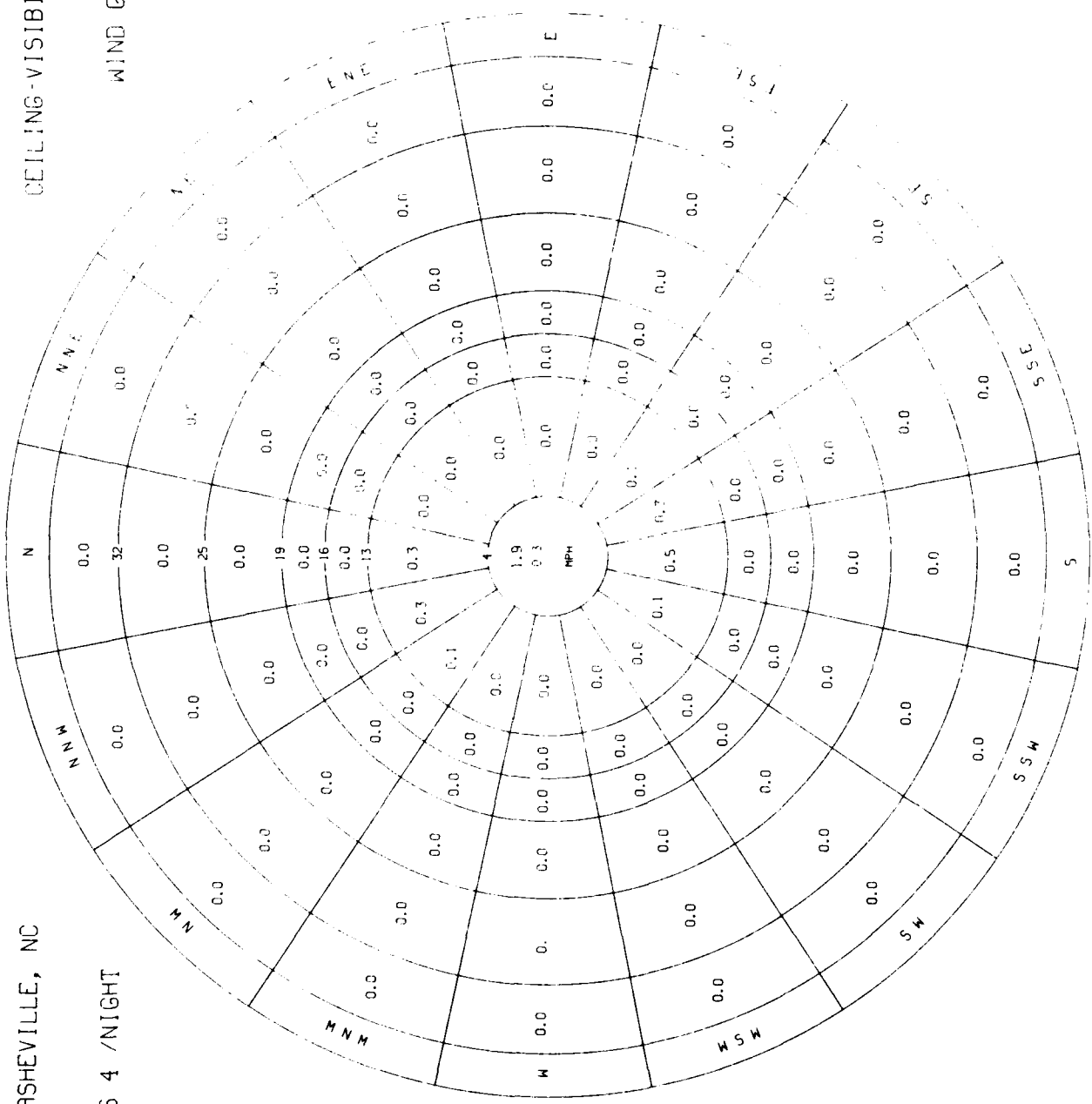
STATION NUMBER: 03812

NO. OBS.: 542

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.1	3.0	.2	9.6	.0	.4	.0	.0	.0	.4	.0	.0	.0	.2	.3 13.5
NNE	.0	.4	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.5
NE	.0	.7	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.1
ENE	.0	.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .6
E	.0	.9	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.3
ESE	.0	1.1	.0	1.3	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1 2.6
SE	.1	3.3	.1	4.1	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.2 7.7
SSE	.1	2.4	.2	8.7	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.3 11.6
S	.1	5.2	.3	12.0	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.4 18.5
SSW	.0	1.8	.1	3.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 5.5
SW	.0	1.8	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 3.3
WSW	.0	.6	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.3
W	.0	.7	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.1
WNW	.0	.2	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.1
NW	.1	2.4	.1	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 4.6
NNW	.1	3.3	.2	9.0	.0	.2	.0	.0	.0	.2	.0	.0	.0	.0	.3 12.7
CALM	.3	12.0													.3 12.0
TOTAL	1.0	40.2	1.3	56.1	.1	2.8	.0	.2	.0	.6	.0	.0	.0	.2	2.4 100
															5.4

AVL ASHEVILLE, NC

CLASS 4 / NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: AVL ASHEVILLE, NC

PERIOD: 1965-1978

CLASS 4 / NIGHT

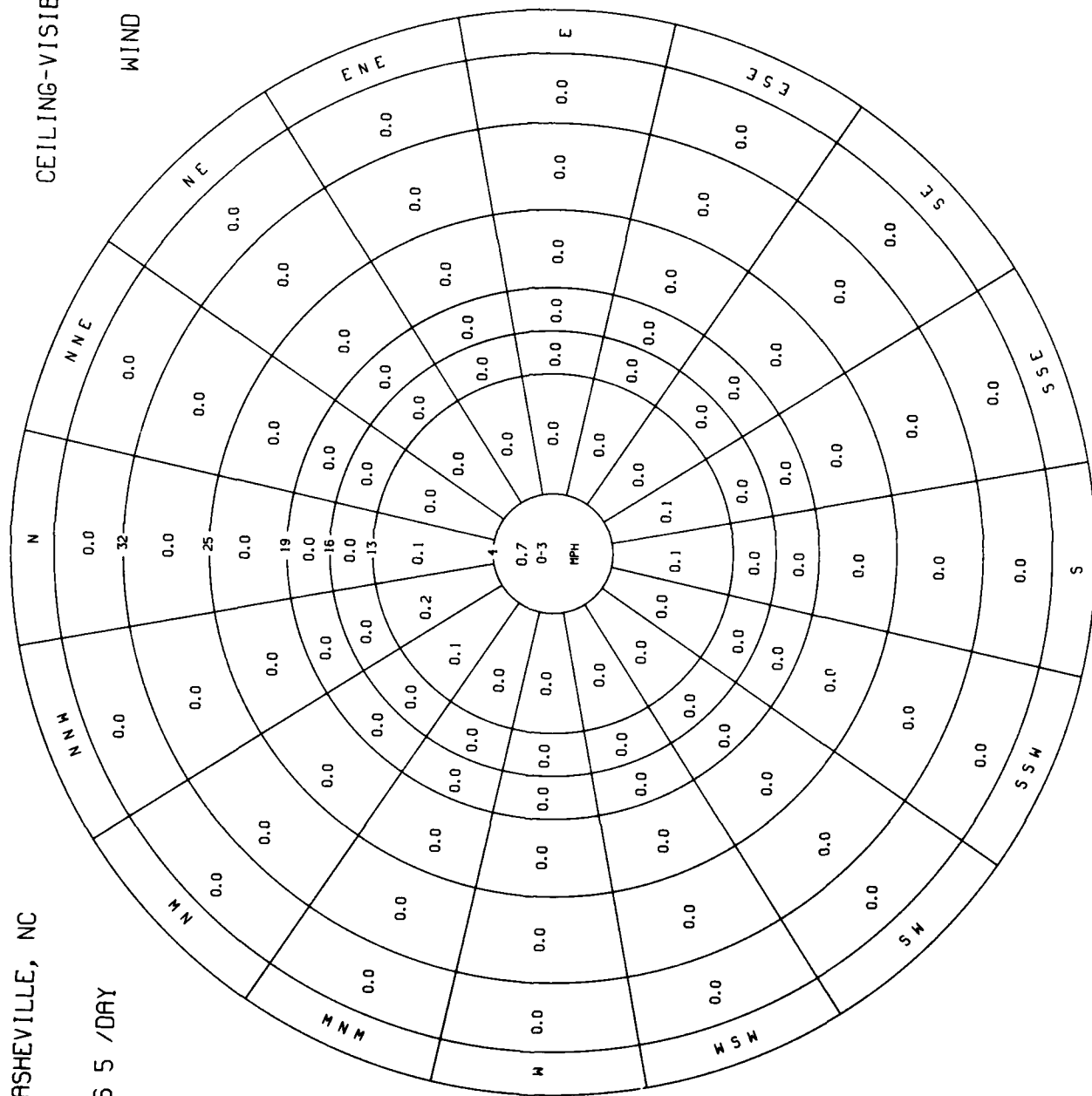
STATION NUMBER: 03812

NO. OBS.: 705

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.1	1.4	.3	6.7	.0	.4	.0	.0	.0	.1	.0	.1	.0	.0	.3 8.8
NNE	.0	.7	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.0
NE	.0	.7	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .9
ENE	.0	.6	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .7
E	.0	1.1	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 2.4
ESE	.1	2.1	.0	.9	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1 3.1
SE	.1	2.8	.1	3.5	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.3 6.5
SSE	.2	5.7	.3	8.1	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.5 14.0
S	.2	4.0	.5	11.8	.0	.9	.0	.3	.0	.0	.0	.0	.0	.0	.6 16.9
SSW	.1	2.1	.1	3.5	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.2 5.8
SW	.0	1.1	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.6
WSW	.1	1.4	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 2.3
W	.1	1.8	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 2.3
WNW	.0	.4	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.0
NW	.1	3.1	.1	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 5.7
NNW	.1	3.3	.3	7.1	.0	.3	.0	.1	.0	.3	.0	.0	.0	.0	.4 11.1
CALM	.6	16.0													.6 16.0
TOTAL	1.9	48.5	1.9	48.2	.1	1.7	.0	.7	.0	.7	.0	.1	.0	.0	3.8 100
															4.6

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: AVL ASHEVILLE, NC

PERIOD: 1965-1978

CLASS 5 / DAY

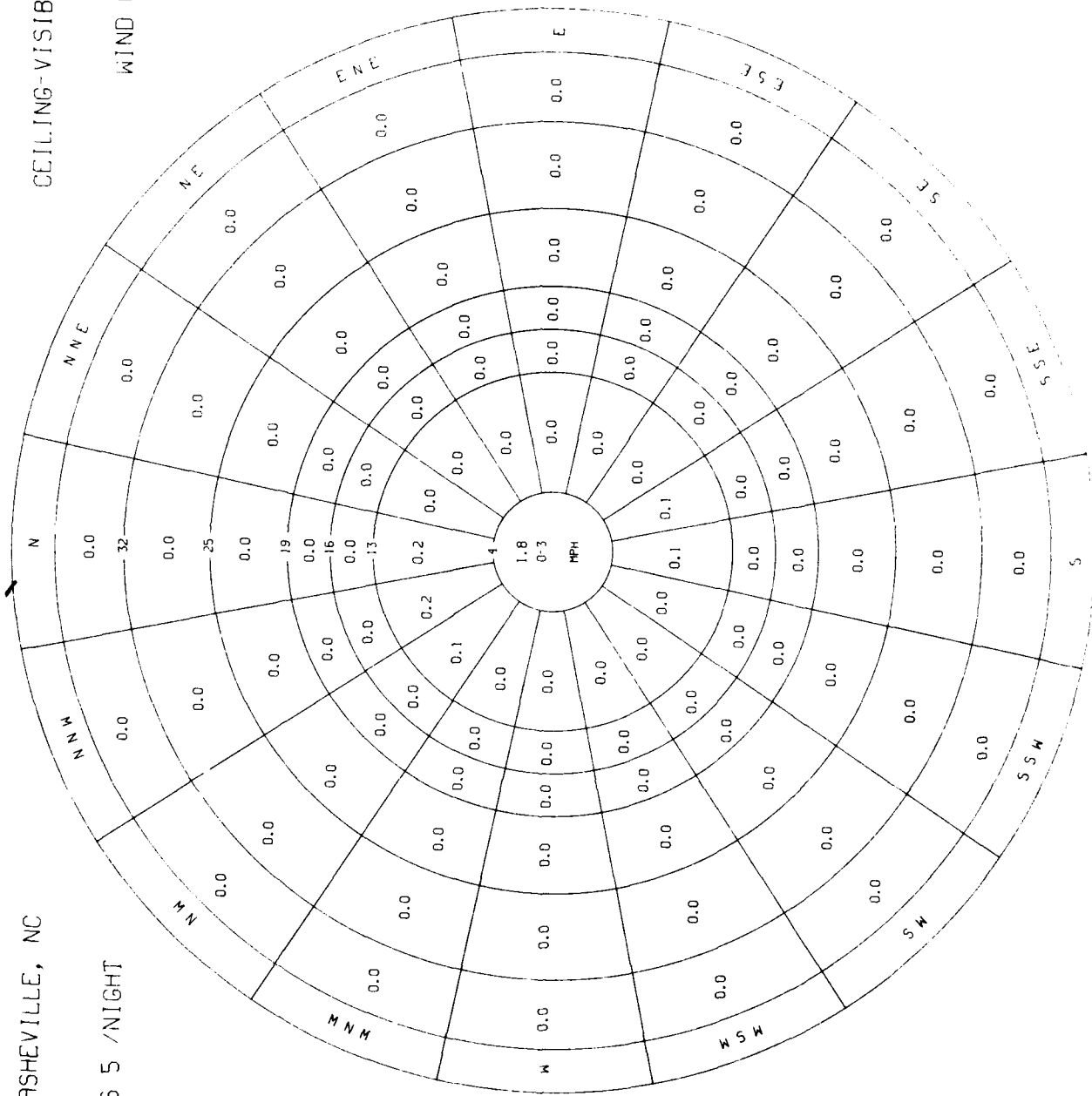
STATION NUMBER: 03812

NO. OBS.: 310

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D
N	.0	3.2	.1	8.4	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.2	11.9	6.2
NNE	.0	.6	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	3.7
NE	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	3.0
ENE	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	3.0
E	.0	1.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	3.2
ESE	.0	2.6	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2	3.4
SE	.0	1.9	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.9	4.5
SSE	.1	3.9	.1	4.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	8.7	5.1
S	.1	4.2	.1	7.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	11.6	5.0
SSW	.0	2.6	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.2	3.9
SW	.0	2.3	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	3.6
WSW	.0	1.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	4.0
W	.0	1.3	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	3.7
WNW	.0	1.3	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	3.8
NW	.0	3.5	.1	4.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	8.1	4.8
NNW	.0	3.5	.2	14.2	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.3	18.4	6.5
CALM	.2	17.7																
TOTAL	.7	51.6	.7	47.4	.0	.0	.0	.0	.0	.0	.0	.6	.0	.3	.0	.2	17.7	4.2

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: AVL ASHEVILLE, NC

PERIOD: 1965-1978

CLASS 5 - NIGHT

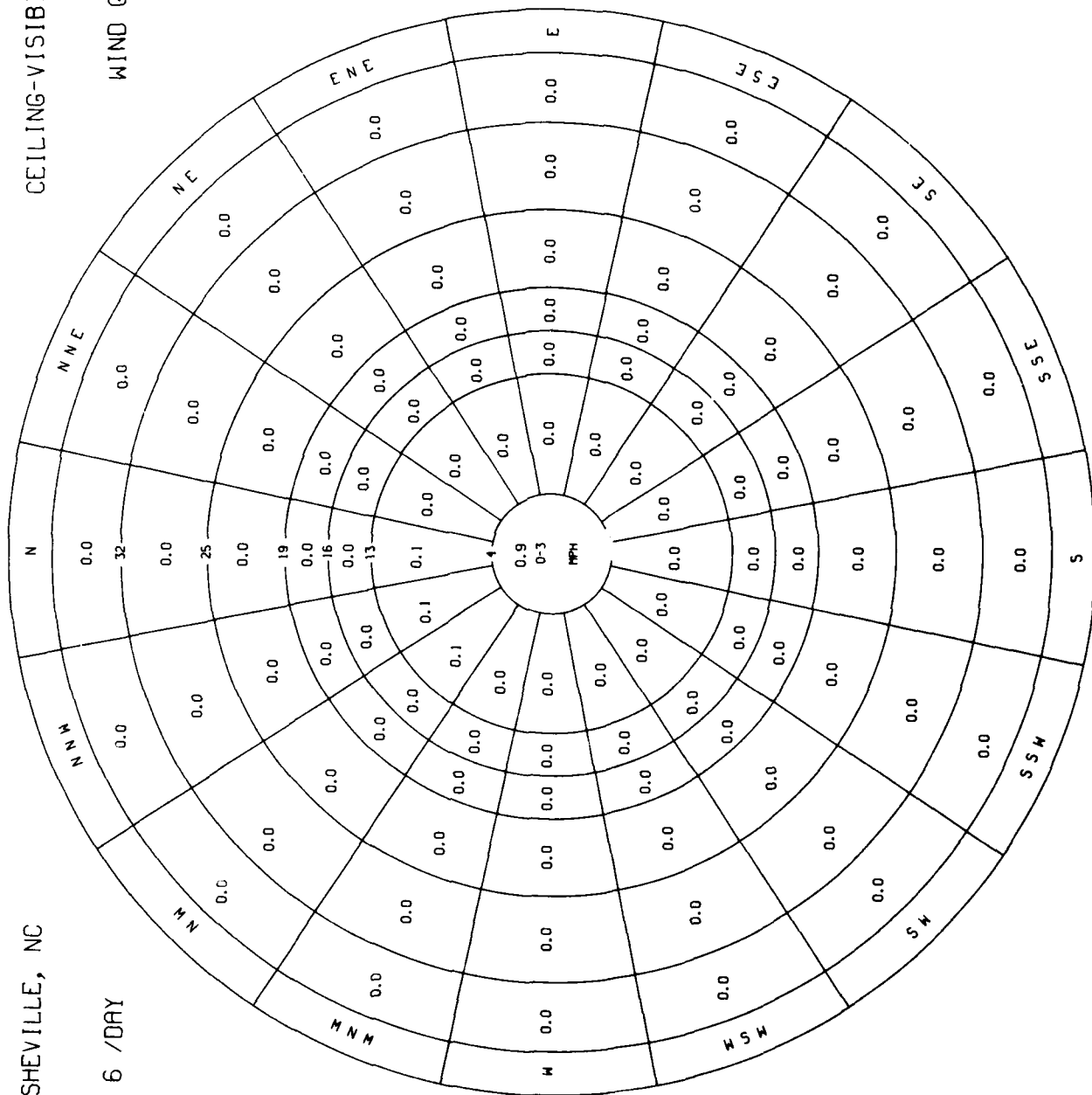
STATION NUMBER: 02812

NO. OBS.: 480

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.1	3.7	.2	5.8	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.3 9.8
NNE	.0	1.9	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 2.1
NE	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .2
ENE	.0	1.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.5
E	.1	2.1	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 3.1
ESE	.1	2.3	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 3.3
SE	.1	3.3	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 5.2
SSE	.1	5.6	.1	2.7	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2 8.5
S	.1	4.2	.1	3.7	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2 8.1
SSW	.1	4.4	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 5.4
SW	.0	1.9	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 2.9
WSW	.0	1.2	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 2.1
W	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.7
WNW	.0	.6	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.0
NW	.1	2.7	.1	4.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 6.7
NNW	.1	4.6	.2	7.5	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.3 12.7
CALM	.7	25.6													.7 25.6
TOTAL	1.8	67.3	.8	31.5	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.2	2.6 100
															3.4

AVL ASHEVILLE, NC

CLASS 6 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: AVL ASHEVILLE, NC

PERIOD: 1965-1978

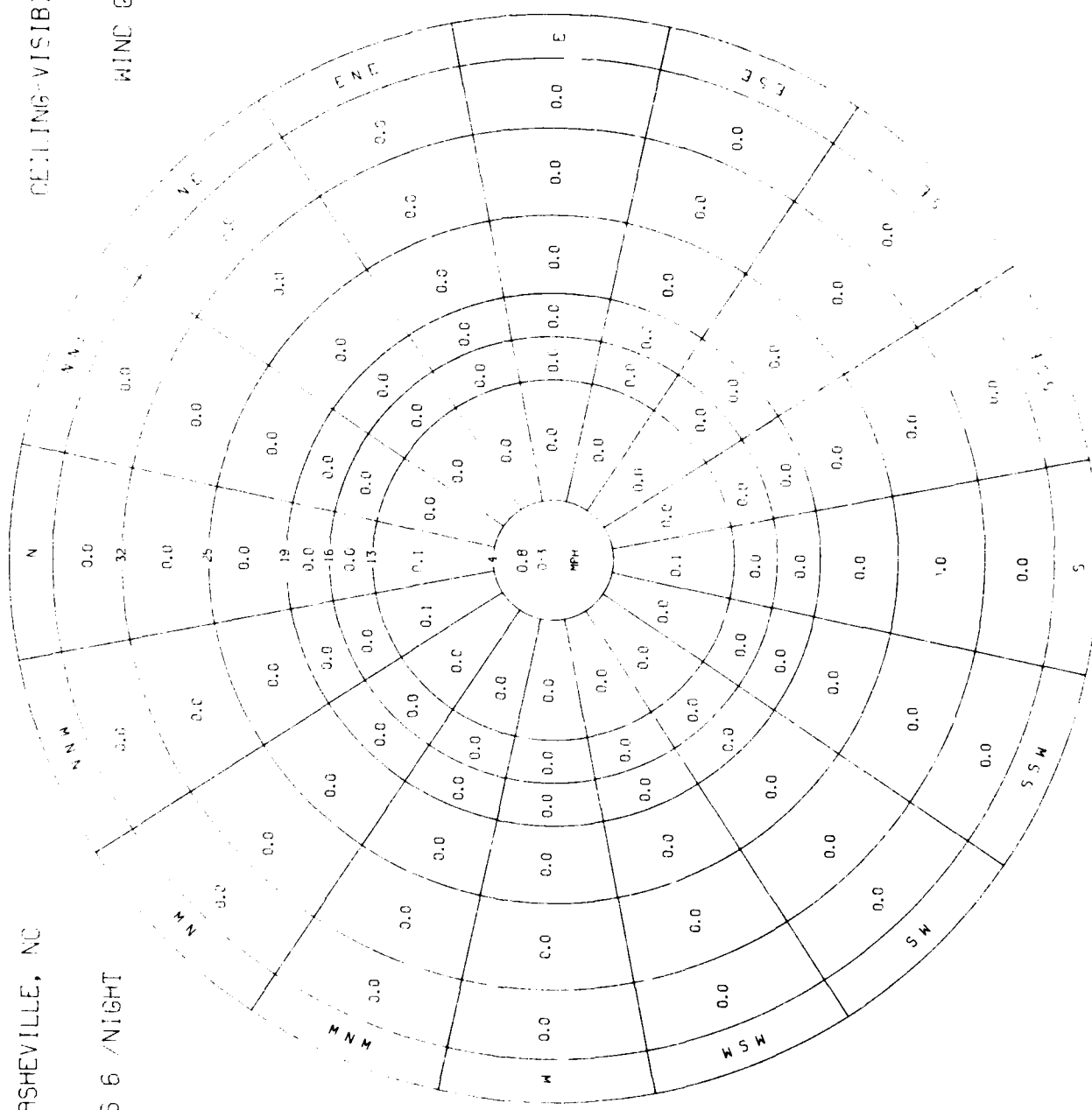
CLASS 6 / DAY

STATION NUMBER: 03812

NO. OBS.: 301

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.1	4.3	.1	6.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 11.0
NNE	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .7
NE	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .7
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .0
E	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.7
ESE	.0	1.3	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.3
SE	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.0
SSE	.1	4.0	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 5.3
S	.0	3.7	.0	3.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 7.3
SSW	.0	2.0	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.7
SW	.0	1.3	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.3
WSW	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.3
W	.0	1.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.3
WNW	.0	3.0	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 4.7
NW	.0	3.7	.1	5.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 9.0
NNW	.1	8.3	.1	9.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 17.6
CALM	.4	28.2													.4 28.2
TOTAL	.9	68.1	.4	31.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3 100
															3.0

AVL ASHEVILLE, NC
 CLASS 6 / NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: AVL ASHEVILLE, NC

PERIOD: 1965-1978

CLASS 6 / NIGHT

STATION NUMBER: 03812

NO. OBS.: 226

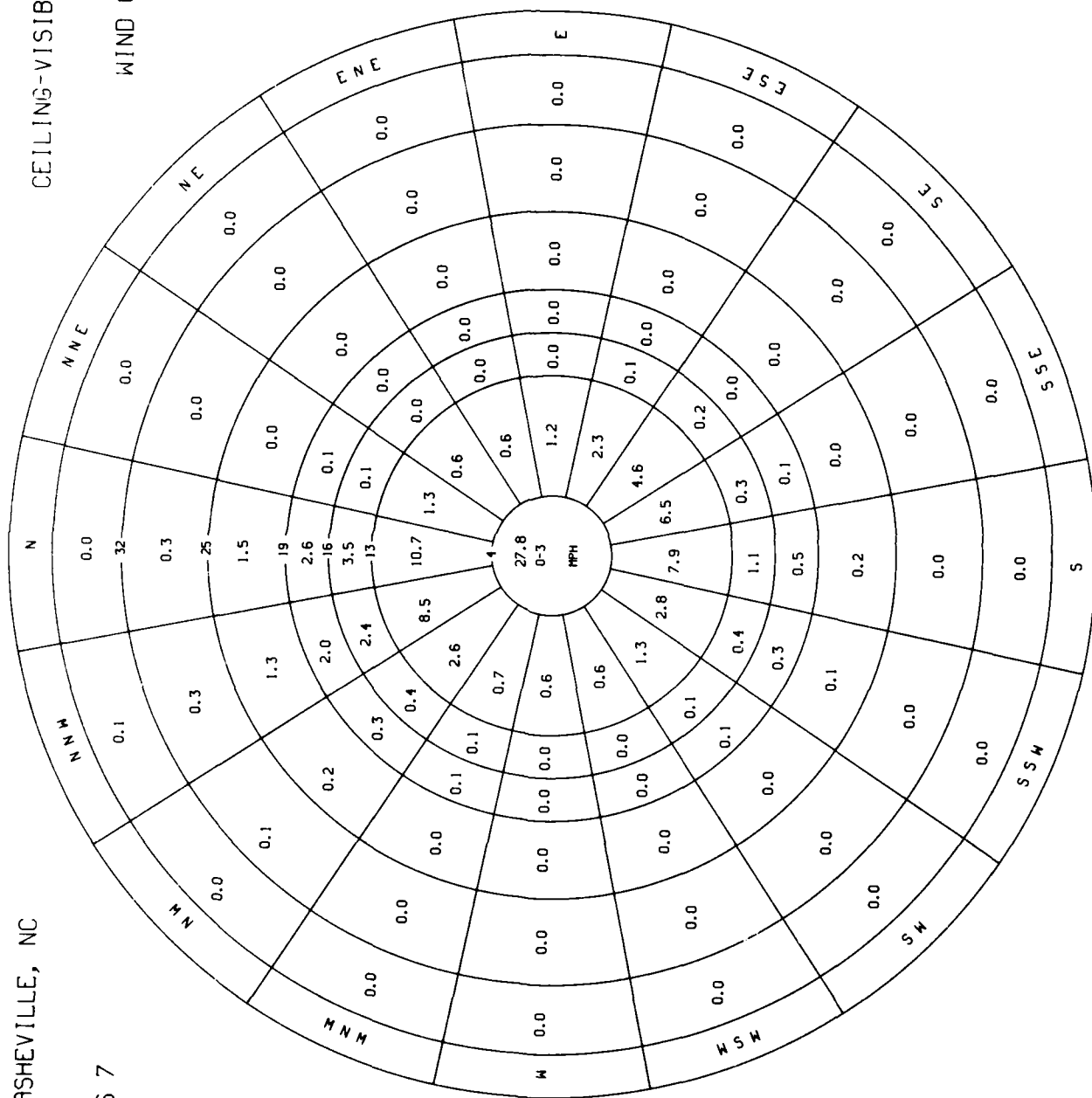
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			
N	.0	3.1	.1	5.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.9	5.5
NNE	.0	.9	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	4.3
NE	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	5.0
ENE	.0	.4	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	4.1
E	.0	3.1	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.4	3.9
ESE	.0	.9	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	4.0
SE	.0	2.2	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	4.1
SSE	.1	4.4	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.2	3.1
S	.1	5.3	.1	4.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.2	4.1
SSW	.0	1.3	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	4.1
SW	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	3.0
WSW	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	3.0
W	.0	1.8	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	3.1
WNW	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	3.0
NW	.0	3.1	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.2	4.0
NNW	.1	4.4	.1	9.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.1	4.0
CALM	.4	33.6													.4	33.6	
TOTAL	.8	67.3	.4	32.7			.0	.0	.0	.0	.0	.0	.0	.0	.4	33.6	

AVL ASHEVILLE, NC

CLASS 7

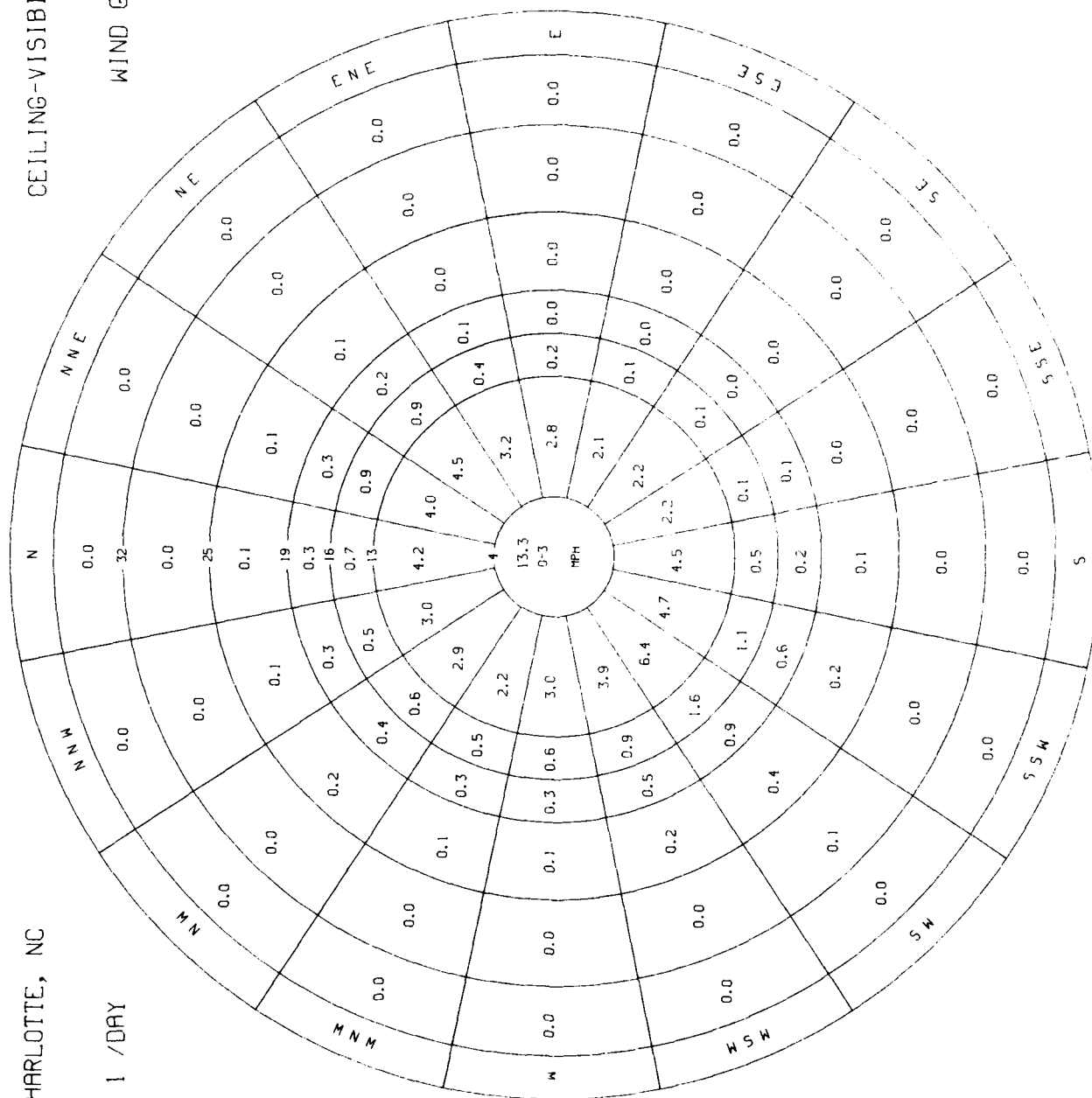
CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY

WIND GRAPH



CLT CHARLOTTE, NC

CLASS 1 /DAY

PRECEDING PAGE BLANK-NOT FILMED

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: CLT CHARLOTTE, NC

PERIOD: 1948-1978

CLASS 1 / DAY

STATION NUMBER: 13891

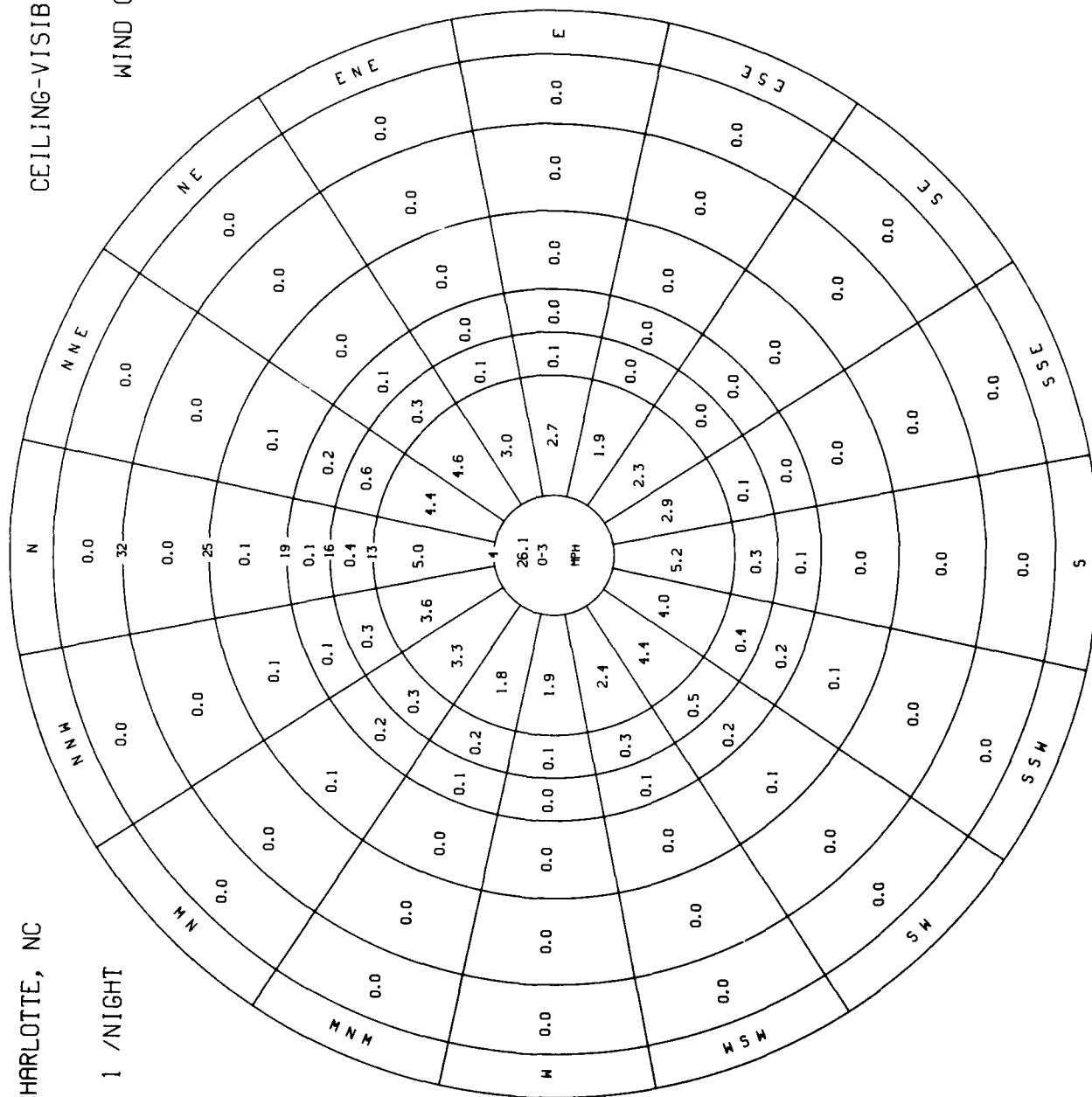
NO. OBS.: 41943

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.8	.9	4.2	5.0	.7	.8	.3	.3	.1	.1	.0	.0	.0	.0	6.1 7.1
NNE	.6	.7	4.0	4.7	.9	1.1	.3	.4	.1	.2	.0	.0	.0	.0	6.1 7.1
NE	.7	.8	4.5	5.2	.9	1.1	.2	.3	.1	.1	.0	.0	.0	.0	6.4 7.5
ENE	.5	.6	3.2	3.8	.4	.5	.1	.1	.0	.0	.0	.0	.0	.0	4.3 5.0
E	.6	.7	2.8	3.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	3.6 4.2
ESE	.4	.5	2.1	2.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.6 3.0
SE	.7	.8	2.2	2.6	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	3.0 3.5
SSE	.5	.6	2.2	2.6	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	2.9 3.4
S	.8	.9	4.5	5.2	.5	.6	.2	.2	.1	.1	.0	.0	.0	.0	6.0 7.0
SSW	.5	.6	4.7	5.5	1.1	1.2	.6	.7	.2	.3	.0	.0	.0	.0	7.1 8.2
SW	.8	.9	6.4	7.4	1.6	1.9	.9	1.1	.4	.5	.1	.1	.0	.0	10.2 11.9
WSW	.5	.6	3.9	4.5	.9	1.1	.5	.6	.2	.2	.0	.1	.0	.0	6.1 7.1
W	.6	.7	3.0	3.5	.6	.7	.3	.4	.1	.2	.0	.0	.0	.0	4.7 5.5
WNW	.4	.5	2.2	2.5	.5	.6	.3	.3	.1	.2	.0	.1	.0	.0	3.6 4.2
NW	.6	.7	2.9	3.4	.6	.7	.4	.4	.2	.2	.0	.0	.0	.0	4.7 5.5
NNW	.6	.7	3.0	3.6	.5	.6	.3	.3	.1	.1	.0	.0	.0	.0	4.6 5.4
CALM	3.7	4.3													3.7 4.3
TOTAL	13.3	15.5	55.8	65.2	9.8	11.5	4.5	5.2	1.8	2.1	.3	.3	.0	.0	85.5 100

CEILING-VISIBILITY

CLASS 1 /NIGHT

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: CLT CHARLOTTE, NC

PERIOD: 1948-1978

CLASS 1 / NIGHT

STATION NUMBER: 13881

NO. OBS.: 35595

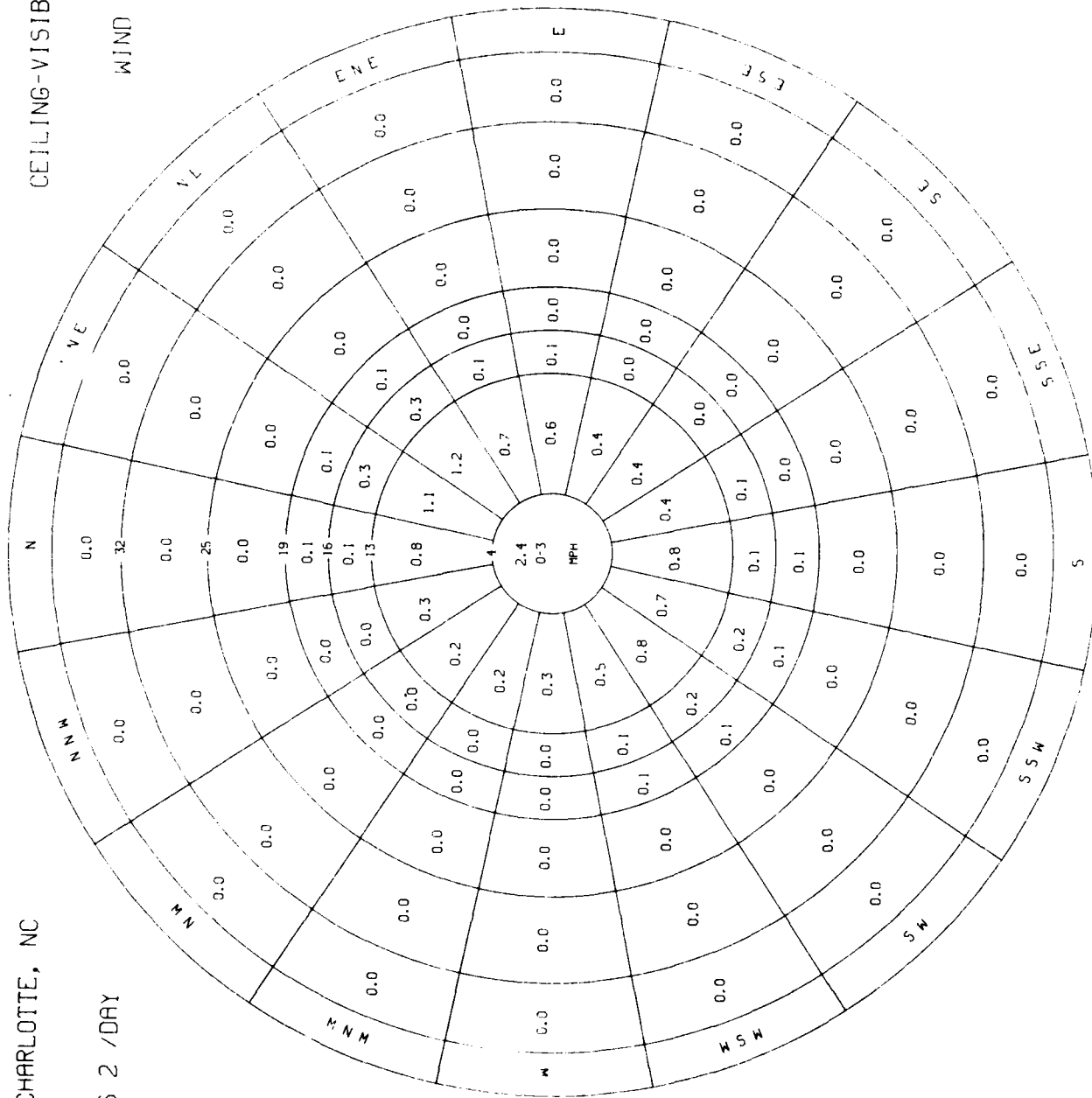
D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	1.3	1.5	5.0	5.8	.4	.4	.1	.1	.1	.1	.0	.0	.0	.0	6.8	7.9	7.2
NNE	.7	.9	4.4	5.1	.6	.7	.2	.2	.1	.1	.0	.0	.0	.0	6.0	7.0	8.5
NE	1.1	1.3	4.6	5.4	.3	.4	.1	.1	.0	.0	.0	.0	.0	.0	6.1	7.1	7.1
ENE	1.0	1.2	3.0	3.5	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	4.2	4.9	6.4
E	1.1	1.3	2.7	3.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	3.9	4.5	5.7
ESE	.8	.9	1.9	2.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.8	3.3	5.7
SE	1.2	1.4	2.3	2.7	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	3.6	4.2	5.5
SSE	1.0	1.1	2.9	3.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	4.0	4.7	6.2
S	1.6	1.8	5.2	6.1	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	7.2	8.4	6.6
SSW	1.0	1.2	4.0	4.6	.4	.5	.2	.2	.1	.1	.0	.0	.0	.0	5.7	6.6	7.8
SW	1.2	1.4	4.4	5.1	.5	.6	.2	.3	.1	.1	.0	.0	.0	.0	6.5	7.6	7.7
WSW	.8	.9	2.4	2.8	.3	.3	.1	.2	.0	.0	.0	.0	.0	.0	3.6	4.2	7.5
W	.7	.9	1.9	2.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.8	3.3	6.5
WNW	.6	.7	1.8	2.1	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	2.7	3.1	7.3
NW	.9	1.1	3.3	3.9	.3	.4	.2	.2	.1	.1	.0	.0	.0	.0	4.8	5.6	7.4
NNW	.9	1.1	3.6	4.1	.3	.4	.1	.2	.1	.1	.0	.0	.0	.0	5.0	5.8	7.3
CALM	10.2	11.8													10.2	11.8	
TOTAL	26.1	30.4	53.5	62.3	4.1	4.8	1.6	1.8	.5	.6	.1	.1	.0	.0	85.8	100	6.2

CLT CHARLOTTE, NC

CLASS 2 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: CLT CHARLOTTE, NC

PERIOD: 1948-1978

CLASS 2 / DAY

STATION NUMBER: 13881

NO. OBS.: 7095

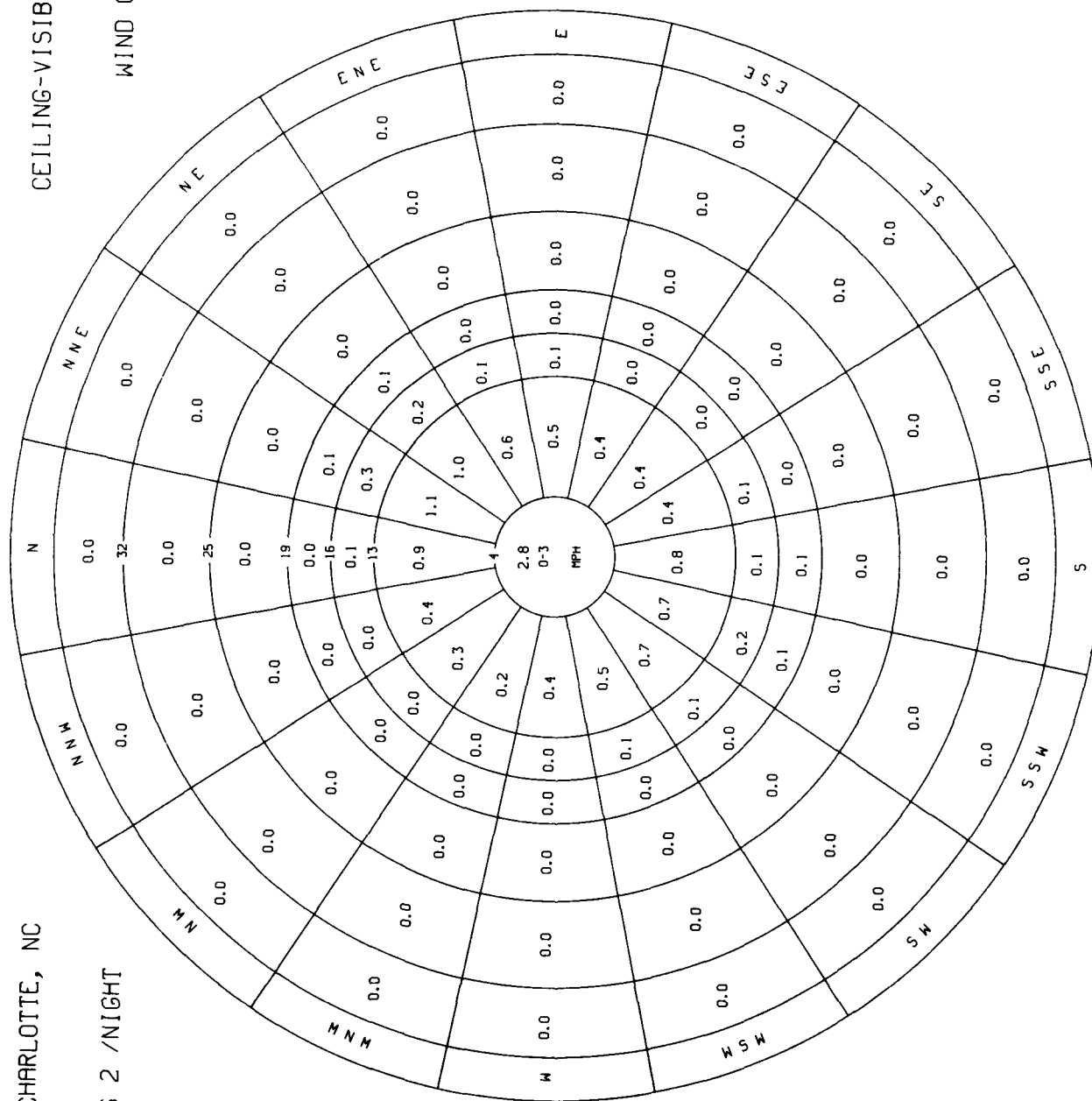
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.2	1.2	.8	5.4	.1	.9	.1	.4	.0	.1	.0	.0	.0	.0	1.2 8.1
NNE	.1	.7	1.1	7.6	.3	2.2	.1	.8	.0	.3	.0	.1	.0	.0	1.7 11.6
NE	.1	.8	1.2	8.6	.3	1.8	.1	.6	.0	.2	.0	.0	.0	.0	1.7 12.1
ENE	.1	.7	.7	4.9	.1	.6	.0	.2	.0	.1	.0	.0	.0	.0	.9 6.5
E	.1	.9	.6	4.4	.1	.4	.0	.1	.0	.0	.0	.0	.0	.0	.8 5.8
ESE	.1	.5	.4	2.5	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.5 3.5
SE	.1	.5	.4	2.5	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.5 3.5
SSE	.1	.8	.4	2.8	.1	.4	.0	.1	.0	.0	.0	.0	.0	.0	.6 4.2
S	.1	.9	.8	5.7	.1	.8	.1	.4	.0	.2	.0	.1	.0	.0	1.2 8.1
SSW	.1	.4	.7	5.0	.2	1.1	.1	.6	.0	.2	.0	.0	.0	.0	1.1 7.4
SW	.1	.6	.8	5.6	.2	1.4	.1	.5	.0	.1	.0	.0	.0	.0	1.2 8.3
WSW	.1	.4	.5	3.3	.1	.5	.1	.4	.0	.1	.0	.0	.0	.0	.7 4.7
W	.1	.6	.3	2.2	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.4 3.1
WNW	.1	.4	.2	1.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.3 1.8
NW	.1	.6	.2	1.7	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.3 2.4
NNW	.1	.6	.3	2.1	.0	.3	.0	.1	.0	.1	.0	.0	.0	.0	.5 3.1
CALM	.8	5.8													.8 5.8
TOTAL	2.4	16.7	9.5	65.8	1.6	11.0	.7	4.6	.2	1.5	.1	.4	.0	.1	14.5 100
															8.3

CLT CHARLOTTE, NC

CLASS 2 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: CLT CHARLOTTE, NC

PERIOD: 1948-1978

CLASS 2 / NIGHT

STATION NUMBER: 13881

NO. OBS.: 5867

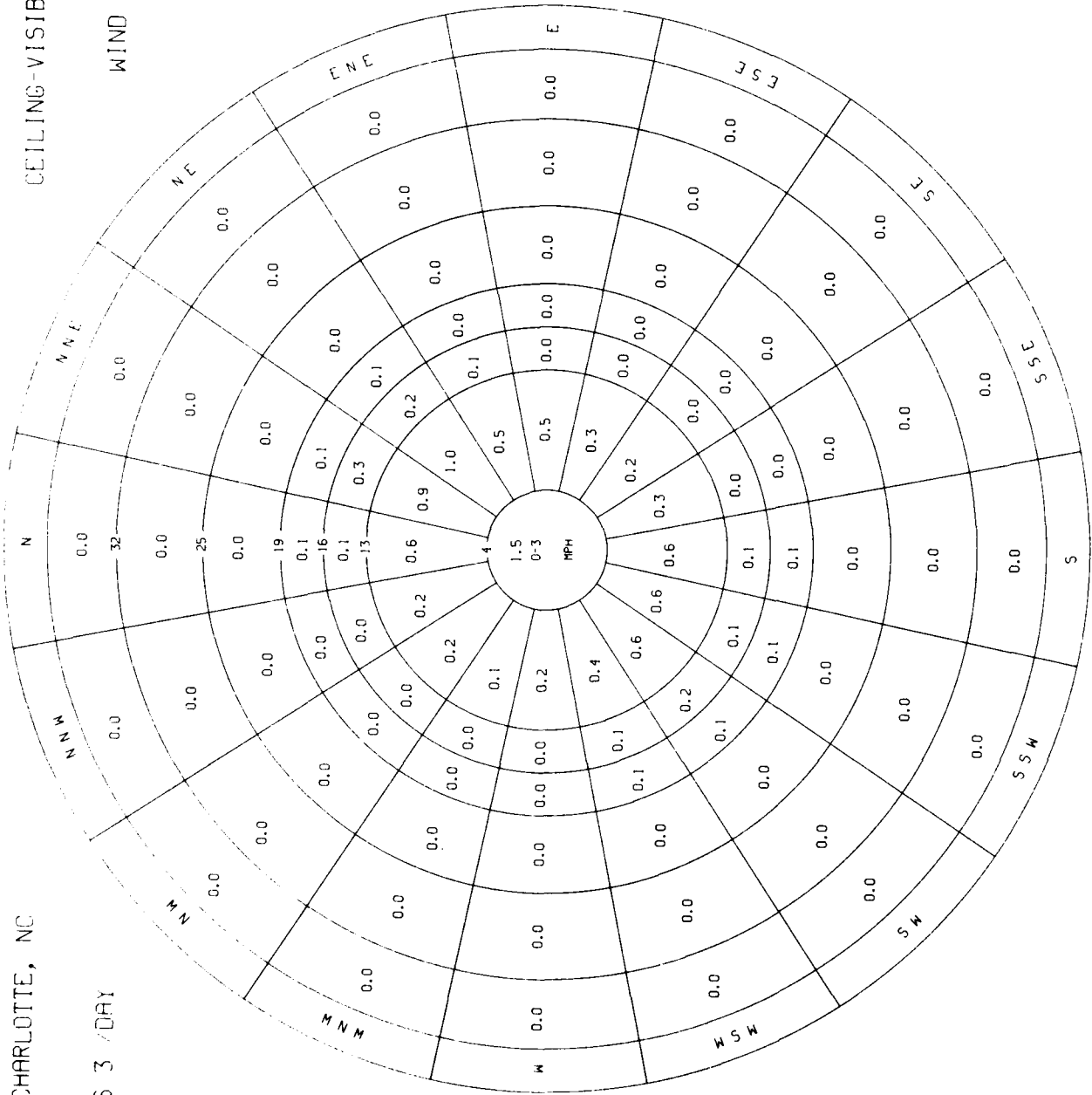
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED				
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL			
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D	
N	.2	1.4	.9	6.3	.1	.6	.0	.3	.0	.1	.0	.0	.0	.0	.0	1.2	8.8	8.0	
NNE	.2	1.2	1.1	7.4	.3	1.8	.1	.8	.0	.3	.0	.1	.0	.1	.0	.0	1.7	11.7	9.9
NE	.1	.9	1.0	7.2	.2	1.6	.1	.5	.0	.3	.0	.0	.0	.0	.0	.0	1.5	10.5	9.6
ENE	.1	.7	.6	4.3	.1	.7	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.8	6.0	8.6
E	.1	.8	.5	3.6	.1	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.7	5.0	7.3
ESE	.1	.6	.4	2.6	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.5	3.6	7.3
SE	.1	.7	.4	2.6	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	3.6	6.9
SSE	.1	.6	.4	3.1	.1	.4	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.6	4.4	8.3
S	.1	.8	.8	5.6	.1	.9	.1	.4	.0	.2	.0	.0	.0	.0	.0	.0	1.1	7.9	8.7
SSW	.1	.5	.7	4.7	.2	1.1	.1	.5	.0	.2	.0	.0	.0	.0	.0	.0	1.0	7.0	9.9
SW	.1	1.0	.7	4.9	.1	.9	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	1.0	7.2	8.7
WSW	.1	.6	.5	3.3	.1	.6	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.7	4.9	8.4
W	.1	.8	.4	2.6	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.5	3.6	6.7
WNW	.1	.7	.2	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	2.3	5.8
NW	.1	.7	.3	1.9	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.4	2.8	6.4
NNW	.1	.8	.4	2.6	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.5	3.8	7.3
CALM	1.0	6.9															1.0	6.9	
TOTAL	2.8	19.8	9.1	64.6	1.4	9.9	.6	4.0	.2	1.5	.0	.2	.0	.1	.0	14.2	100	7.9	

CLI CHARLOTTE, NC

CLASS 3 / DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: CLT CHARLOTTE, NC

PERIOD: 1948-1978

CLASS 3 / DAY

STATION NUMBER: 13881

NO. OBS.: 5397

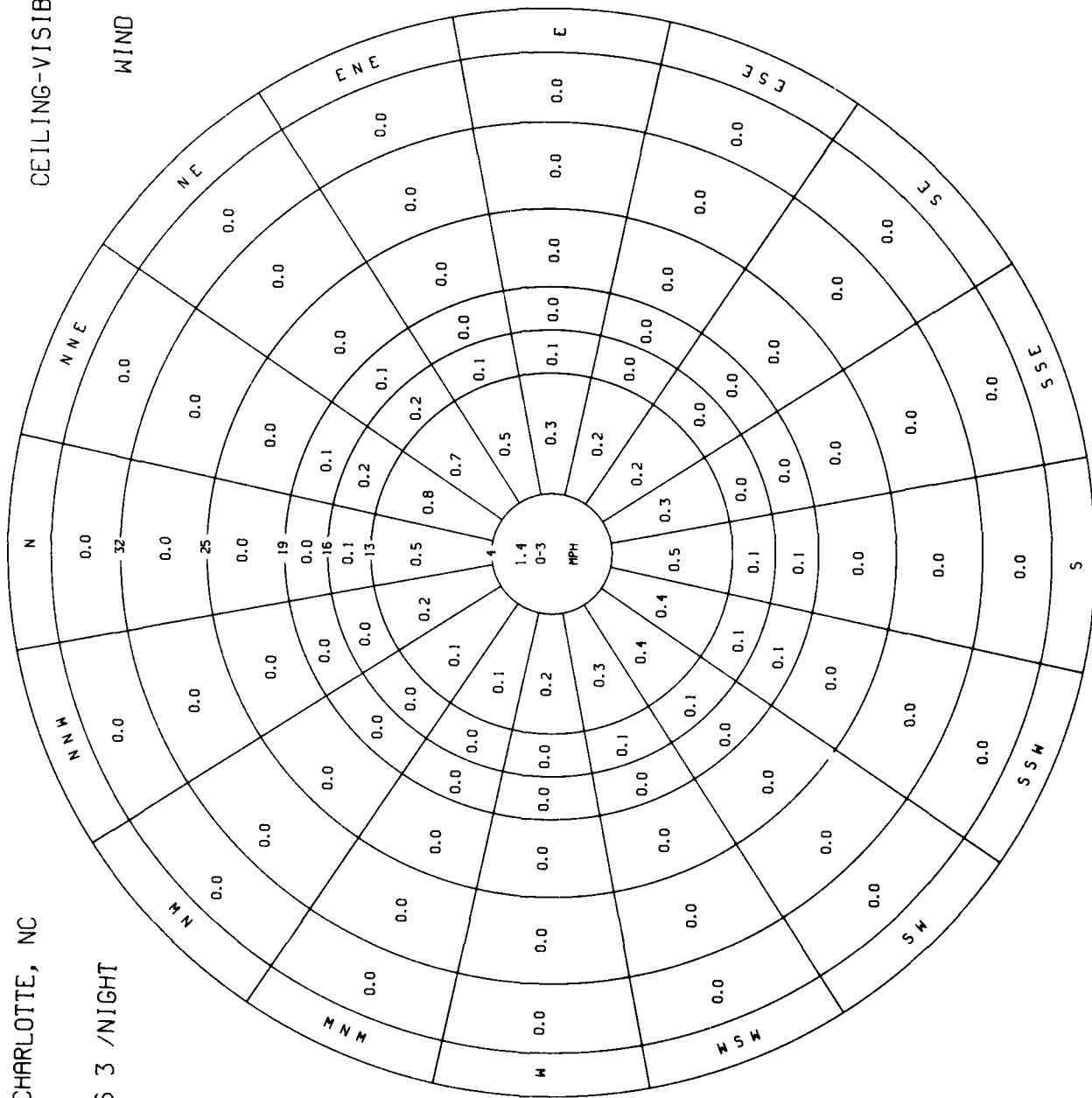
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C
N	.1	1.1	.6	5.7	.1	1.0	.1	.5	.0	.2	.0	.1	.0	.0	.9	8.6	9.2
NNE	.1	.7	.9	8.1	.3	2.7	.1	1.0	.0	.4	.0	.1	.0	.0	1.4	12.9	10.7
NE	.1	.7	1.0	9.2	.2	2.2	.1	.8	.0	.2	.0	.1	.0	.0	1.5	13.2	9.9
ENE	.1	.7	.5	4.9	.1	.7	.0	.2	.0	.1	.0	.0	.0	.0	.7	6.5	8.9
E	.1	.7	.5	4.5	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.6	5.8	7.9
ESE	.1	.5	.3	2.4	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.4	3.2	7.6
SE	.1	.5	.2	2.2	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.4	3.2	8.0
SSE	.1	.6	.3	2.3	.0	.4	.0	.1	.0	.1	.0	.0	.0	.0	.4	3.6	8.0
S	.1	.7	.6	5.3	.1	1.0	.1	.5	.0	.2	.0	.1	.0	.0	.9	7.9	9.2
SSW	.0	.4	.6	5.0	.1	1.3	.1	.7	.0	.3	.0	.0	.0	.0	.8	7.7	10.5
SW	.1	.5	.6	5.7	.2	1.6	.1	.7	.0	.1	.0	.0	.0	.0	1.0	8.7	10.1
WSW	.0	.4	.4	3.3	.1	.5	.1	.5	.0	.1	.0	.0	.0	.0	.5	4.9	9.5
W	.1	.5	.2	2.1	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.3	3.0	8.0
WNW	.0	.4	.1	1.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.6	6.6
NW	.0	.4	.2	1.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.0	6.6
NNW	.1	.5	.2	1.9	.0	.3	.0	.1	.0	.1	.0	.0	.0	.0	.3	2.9	8.5
CALM	.5	4.3													.5	4.3	
TOTAL	1.5	13.7	7.2	65.2	1.4	13.1	.6	5.6	.2	1.9	.0	.4	.0	.1	11.0	100	8.9

CLI CHARLOTTE, NC

CLASS 3 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: CLT CHARLOTTE, NC

PERIOD: 1948-1978

CLASS 3 / NIGHT

STATION NUMBER: 13881

NO. OBS.: 3794

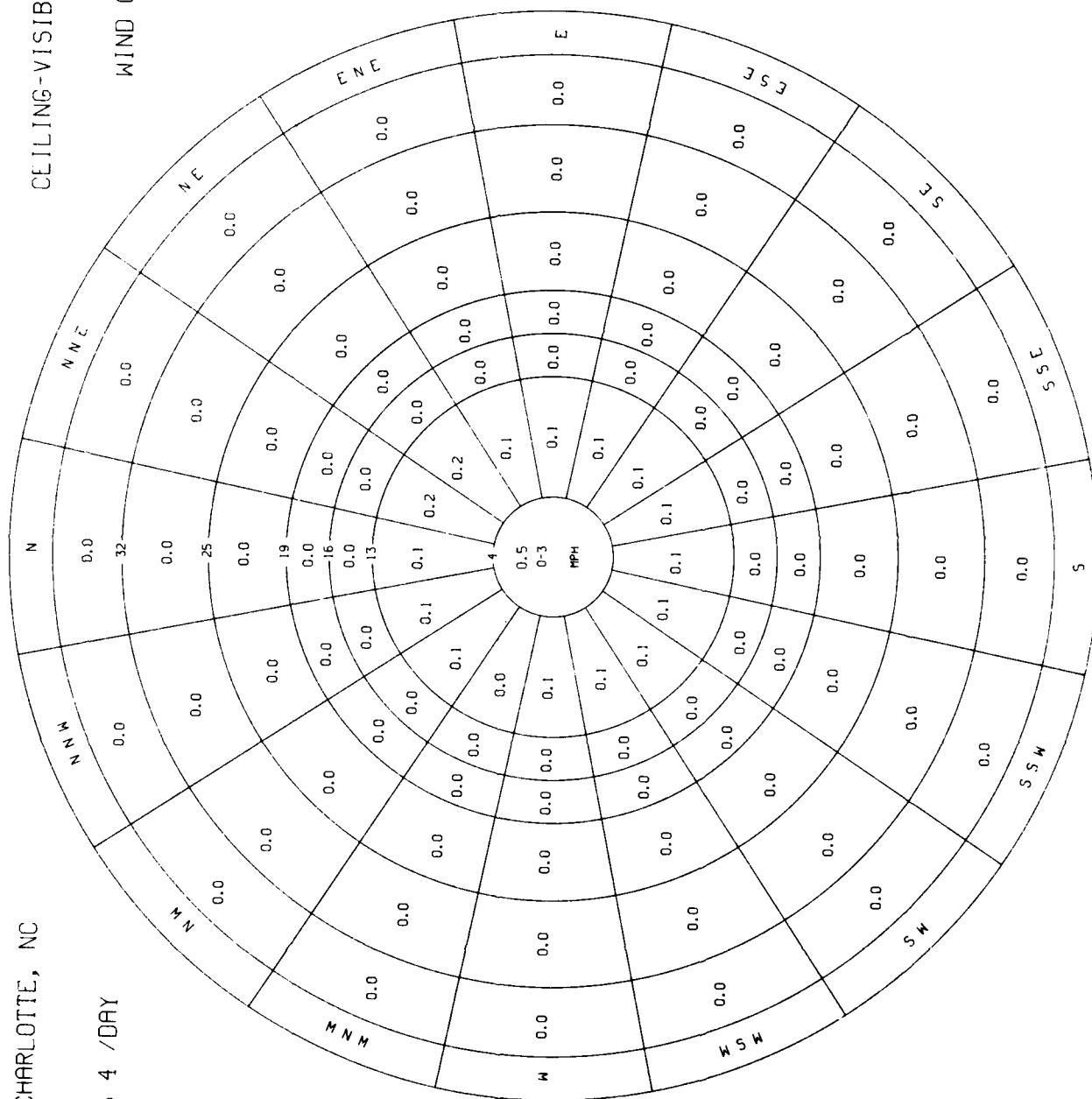
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C
N	.1	1.2	.5	6.0	.1	.8	.0	.4	.0	.2	.0	.0	.0	.0	.0	.8	8.6
NNE	.1	1.0	.8	8.3	.2	2.6	.1	1.3	.0	.5	.0	.2	.0	.1	.0	1.3	13.9
NE	.1	.8	.7	7.9	.2	2.3	.1	.7	.0	.4	.0	.1	.0	.0	.0	1.1	12.1
ENE	.1	.7	.5	5.2	.1	1.0	.0	.3	.0	.1	.0	.0	.0	.0	.0	.7	7.4
E	.1	.7	.3	3.7	.1	.6	.0	.2	.0	.0	.0	.0	.0	.0	.0	.5	5.1
ESE	.1	.6	.2	2.7	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.3	3.7
SE	.1	.6	.2	2.5	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.0	.3	3.4
SSE	.0	.5	.3	2.7	.0	.5	.0	.2	.0	.1	.0	.0	.0	.0	.0	.4	4.1
S	.1	.8	.5	5.1	.1	1.2	.1	.6	.0	.3	.0	.1	.0	.0	.0	.7	8.1
SSW	.0	.4	.4	4.1	.1	1.4	.1	.8	.0	.3	.0	.0	.0	.0	.0	.6	7.1
SW	.1	.8	.4	4.7	.1	1.1	.0	.5	.0	.2	.0	.0	.0	.0	.0	.7	7.2
WSW	.0	.5	.3	3.0	.1	.7	.0	.2	.0	.1	.0	.0	.0	.0	.0	.4	4.6
W	.1	.7	.2	2.1	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.3	3.0
WNW	.1	.6	.1	1.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.0
NW	.4	.1	.1	1.3	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.2	2.0
NNW	.1	.6	.2	2.2	.0	.3	.0	.1	.0	.1	.0	.0	.0	.0	.0	.3	3.2
CALM	.4	4.6														.4	4.6
TOTAL	1.4	15.4	5.8	62.9	1.2	13.3	.5	5.7	.2	2.3	.0	.3	.0	.1	.0	9.2	100
																	8.8

CLT CHARLOTTE, NC

CLASS 4 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: CLT CHARLOTTE, NC

PERIOD: 1948-1978

CLASS 4 / DAY

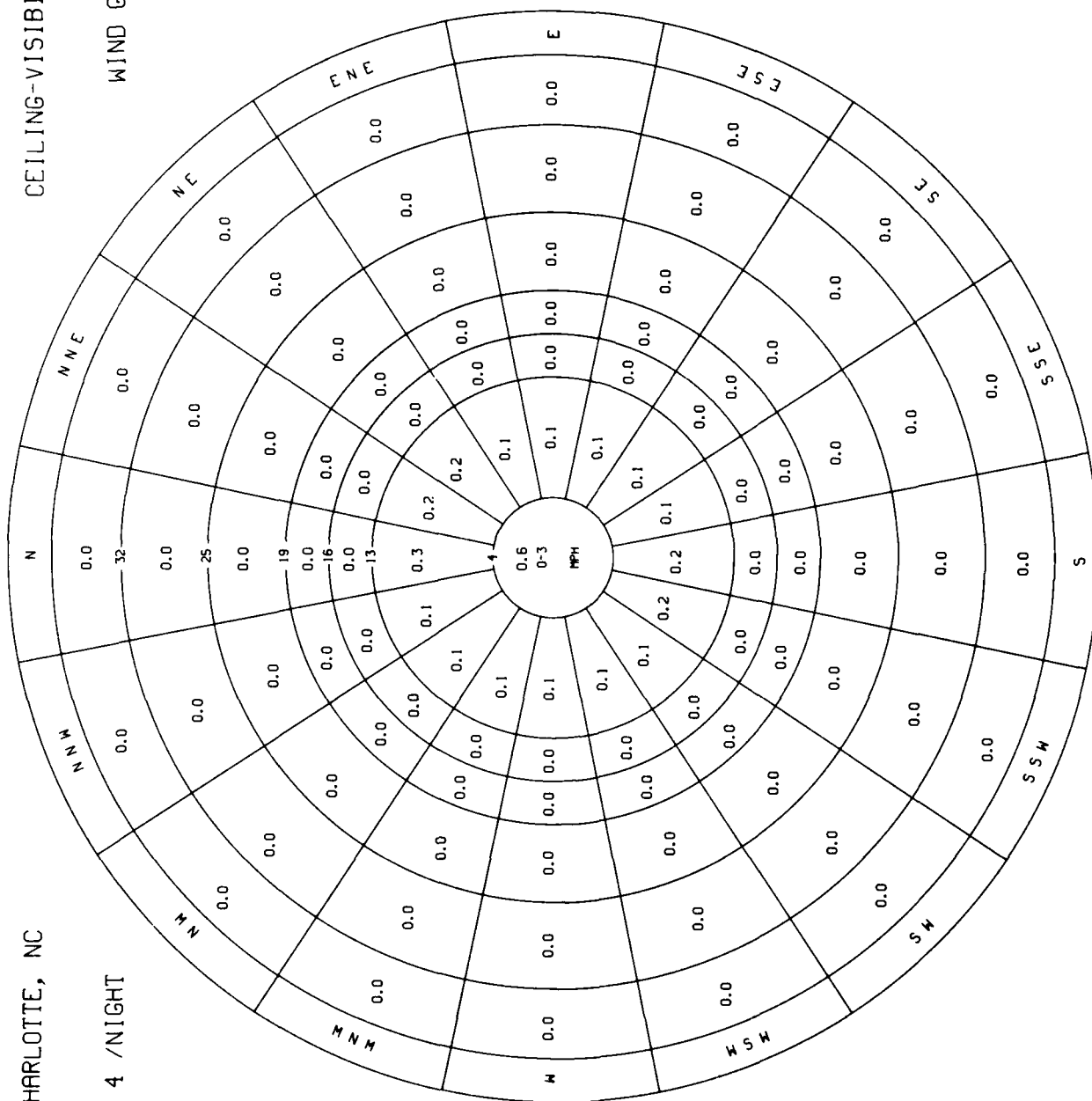
STATION NUMBER: 13881

NO. OBS.: 1130

D I R	SPEED GROUPS (MPH)															AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL			
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D	
N	.0	1.4	.1	4.8	.0	.5	.0	.3	.0	.0	.0	.0	.0	.0	.0	.2	7.0	7.5
NNE	.0	.8	.2	7.0	.0	.8	.0	.1	.0	.1	.0	.1	.0	.0	.0	.2	8.8	8.9
NE	.0	1.5	.2	7.7	.0	.6	.0	.1	.0	.2	.0	.0	.0	.0	.0	.2	10.1	7.7
ENE	.0	1.0	.1	5.8	.0	.3	.0	.1	.0	.1	.0	.0	.0	.0	.0	.2	7.2	7.3
E	.0	1.6	.1	4.7	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	6.5	6.3
ESE	.0	.5	.1	3.3	.0	.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	.1	4.4	7.7
SE	.0	.6	.1	3.7	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	4.5	7.1
SSE	.0	1.2	.1	4.1	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	5.8	7.3
S	.0	1.1	.1	6.5	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.2	8.0	7.5
SSW	.0	.8	.1	5.0	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	6.3	7.7
SW	.0	1.0	.1	6.4	.0	.9	.0	.0	.0	.0	.0	.1	.0	.0	.0	.2	8.3	8.2
WSW	.0	.3	.1	3.7	.0	.3	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1	4.3	7.7
W	.0	.3	.1	2.7	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.1	6.5
WNW	.0	.1	.0	1.9	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	7.0
NW	.0	1.0	.1	2.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.3	5.7
NNW	.0	.4	.1	3.0	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.0	.1	3.7	7.6
CALM	.2	6.5														.2	6.5	
TOTAL	.5	20.1	1.7	72.3	.1	5.8	.0	1.2	.0	.5	.0	.2	.0	.0	.0	2.3	100	7.0

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: CLT CHARLOTTE, NC

PERIOD: 1948-1978

CLASS 4 / NIGHT

STATION NUMBER: 13881

NO. OBS.: 1195

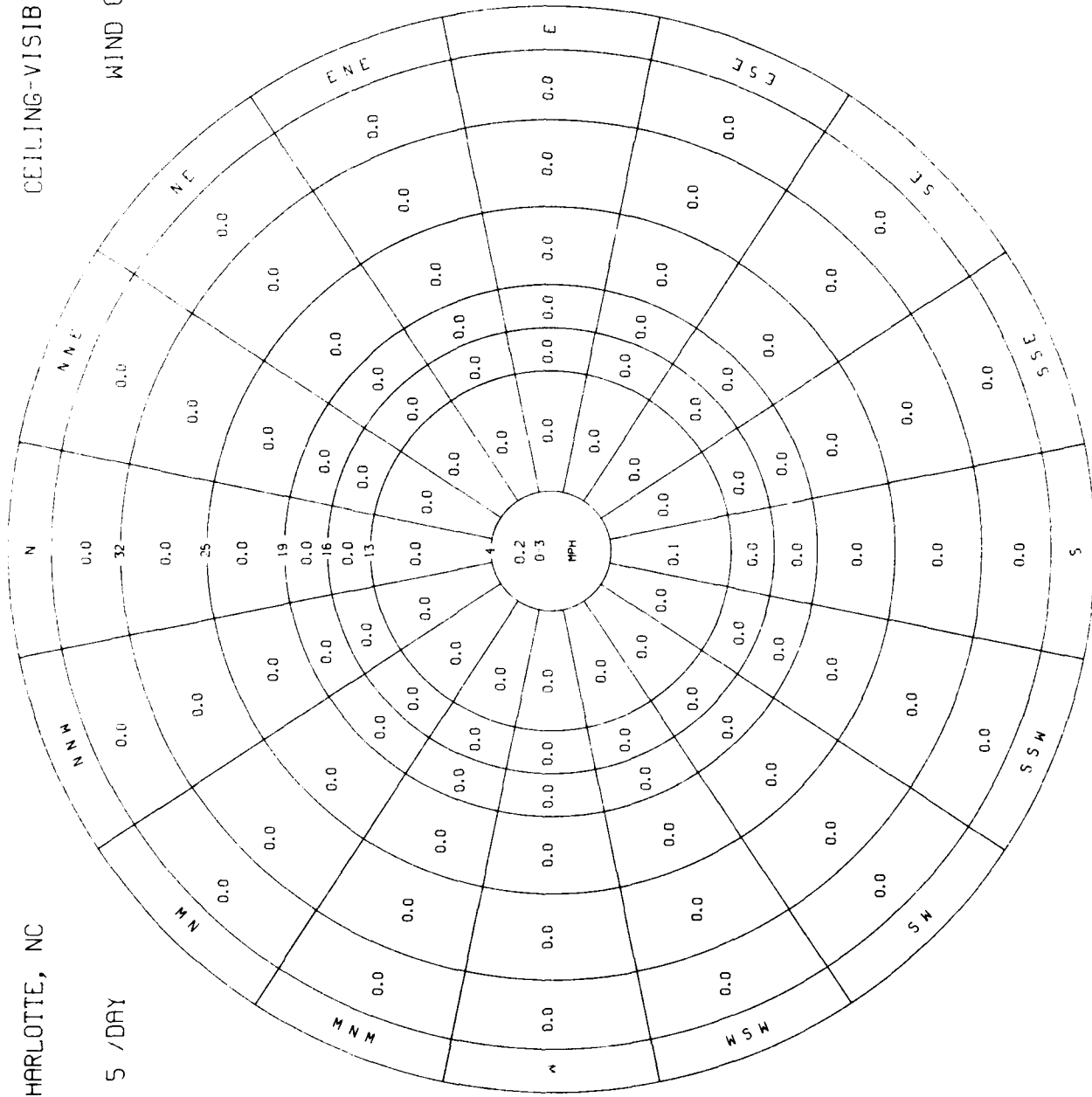
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED				
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL			
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D	
N	.0	1.6	.3	8.7	.0	.5	.0	.1	.0	.1	.0	.0	.0	.0	.0	.3	11.0	7.5	
NNE	.0	.8	.2	7.5	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	9.0	8.1	
NE	.0	1.4	.2	7.9	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	9.7	7.4	
ENE	.0	.7	.1	3.7	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.5	7.3	
E	.0	1.3	.1	3.9	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	5.4	6.5	
ESE	.0	.5	.1	3.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.7	7.1	
SE	.0	.8	.1	3.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.4	6.7	
SSE	.0	.6	.1	3.8	.0	.5	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	4.9	8.0	
S	.0	.8	.2	6.2	.0	.3	.0	.2	.0	.0	.0	.0	.0	.0	.0	.2	7.4	7.1	
SSW	.0	.6	.2	5.9	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	6.9	8.1	
SW	.0	1.2	.1	4.9	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	6.8	7.4	
WSW	.0	.7	.1	4.1	.0	.6	.0	.3	.0	.0	.0	.0	.0	.0	.0	.2	5.6	8.1	
W	.0	.4	.1	2.8	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	3.4	7.2	
WNW	.0	.7	.1	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.9	5.7	
NW	.0	1.1	.1	2.6	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	3.8	6.4	
NNW	.0	.8	.1	3.6	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.1	4.7	7.7	
CALM	.2	5.8														.2	5.8		
TOTAL	.6	19.6	2.1	74.2	.1	5.2	.0	.9	.0	.1	.0	.0	.0	.0	.0	.2	9	100	7.0

CEILING-VISIBILITY

WIND GRAPH

CLT CHARLOTTE, NC

CLASS 5 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: CLT CHARLOTTE, NC

PERIOD: 1948-1978

CLASS 5 / DAY

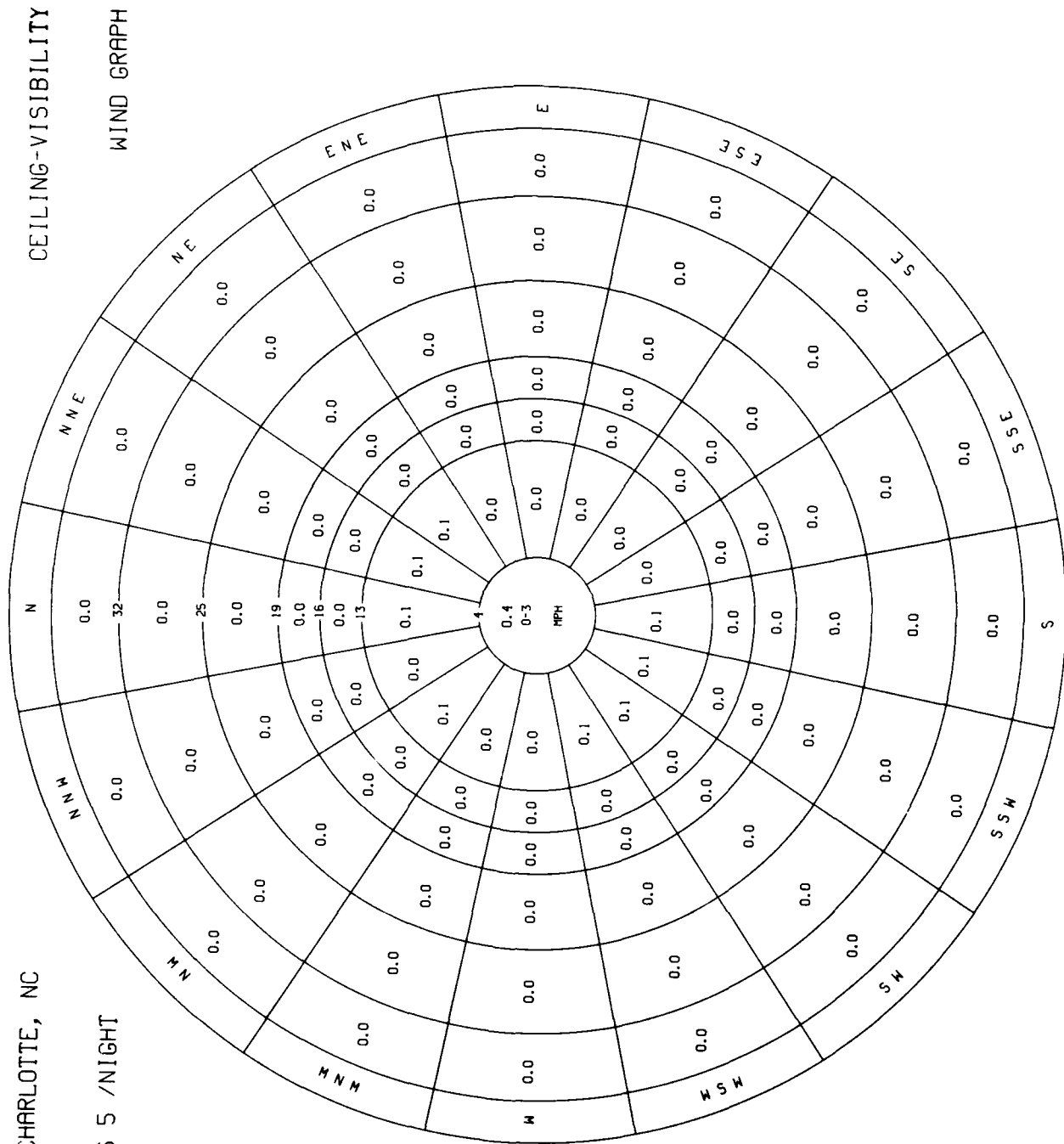
STATION NUMBER: 13881

NO. OBS.: 294

D i R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	1.7	.0	4.8	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0 6.8
NNE	.0	.3	.0	4.4	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0 5.1
NE	.0	.7	.0	4.8	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0 6.1
ENE	.0	1.0	.0	4.4	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0 5.8
E	.0	.7	.0	4.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 4.8
ESE	.0	1.0	.0	3.7	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0 5.1
SE	.0	1.0	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 4.1
SSE	.0	1.0	.0	4.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 5.4
S	.0	3.1	.1	9.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 12.2
SSW	.0	.0	.0	6.1	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.0 6.8
SW	.0	.7	.0	3.4	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0 4.4
WSW	.0	.7	.0	3.1	.0	.7	.0	.0	.0	.3	.0	.0	.0	.0	.0 4.8
W	.0	2.0	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 5.1
WNW	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.0
NW	.0	1.0	.0	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 4.4
NNW	.0	1.7	.0	1.4	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0 3.4
CALM	.1	13.6													.1 13.6
TOTAL	.2	30.3	.4	65.3	.0	2.4	.0	1.4	.0	.3	.0	.3	.0	.0	.6 100

CLT CHARLOTTE, NC

CLASS 5 / NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: CLT CHARLOTTE, NC

PERIOD: 1948-1978

CLASS 5 / NIGHT

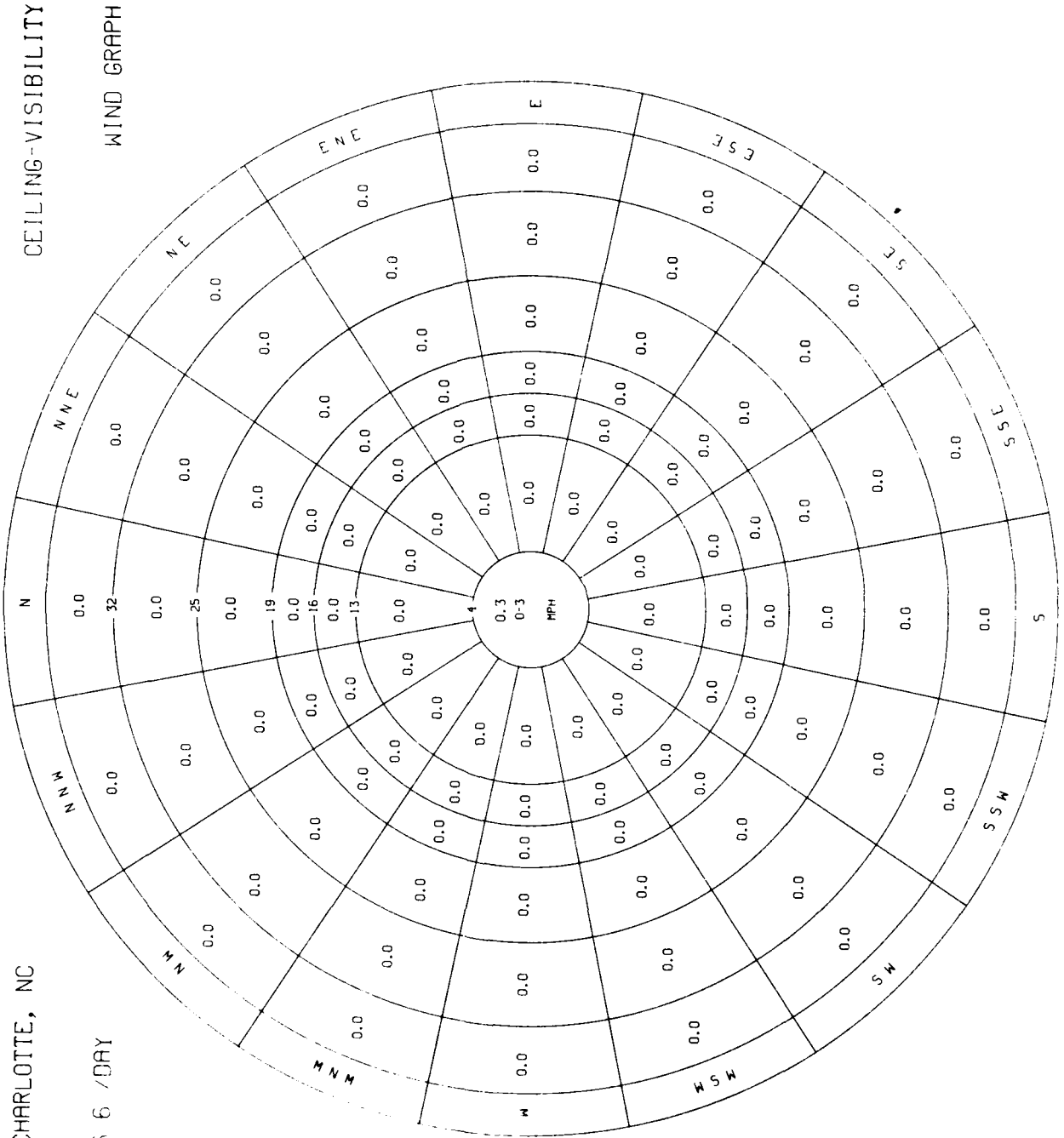
STATION NUMBER: 13881

NO. OBS.: 504

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D
N	.0	2.0	.1	6.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.9	5.9
NNE	.0	1.4	.1	4.8	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.3	6.3
NE	.0	.8	.1	4.8	.0	.6	.0	.2	.0	.0	.0	.0	.0	.0	.0	.1	6.3	8.0
ENE	.0	.2	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	6.6
E	.0	.8	.0	4.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.0	6.4
ESE	.0	2.0	.0	2.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.1	4.2	5.2
SE	.0	.8	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	6.4
SSE	.0	1.2	.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.2	5.9
S	.0	1.0	.1	7.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	8.3	6.7
SSW	.0	1.0	.1	5.0	.0	.6	.0	.2	.0	.0	.0	.0	.0	.0	.0	.1	6.7	7.6
SW	.0	1.0	.1	6.7	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	8.3	8.0
WSW	.0	.6	.1	4.2	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.2	7.4
W	.0	1.8	.0	3.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.4	5.7
WNW	.0	.6	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	5.9
NW	.0	1.0	.1	4.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.2	5.8
NNW	.0	1.8	.0	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.2	5.4
CALM	.2	13.7														.2	13.7	
TOTAL	.4	31.5	.8	65.3	.0	2.6	.0	.6	.0	.0	.0	.0	.0	.0	.0	.12	100	5.7

CLT CHARLOTTE, NC

CLASS 6 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: CLT CHARLOTTE, NC

PERIOD: 1948-1978

CLASS 6 / DAY

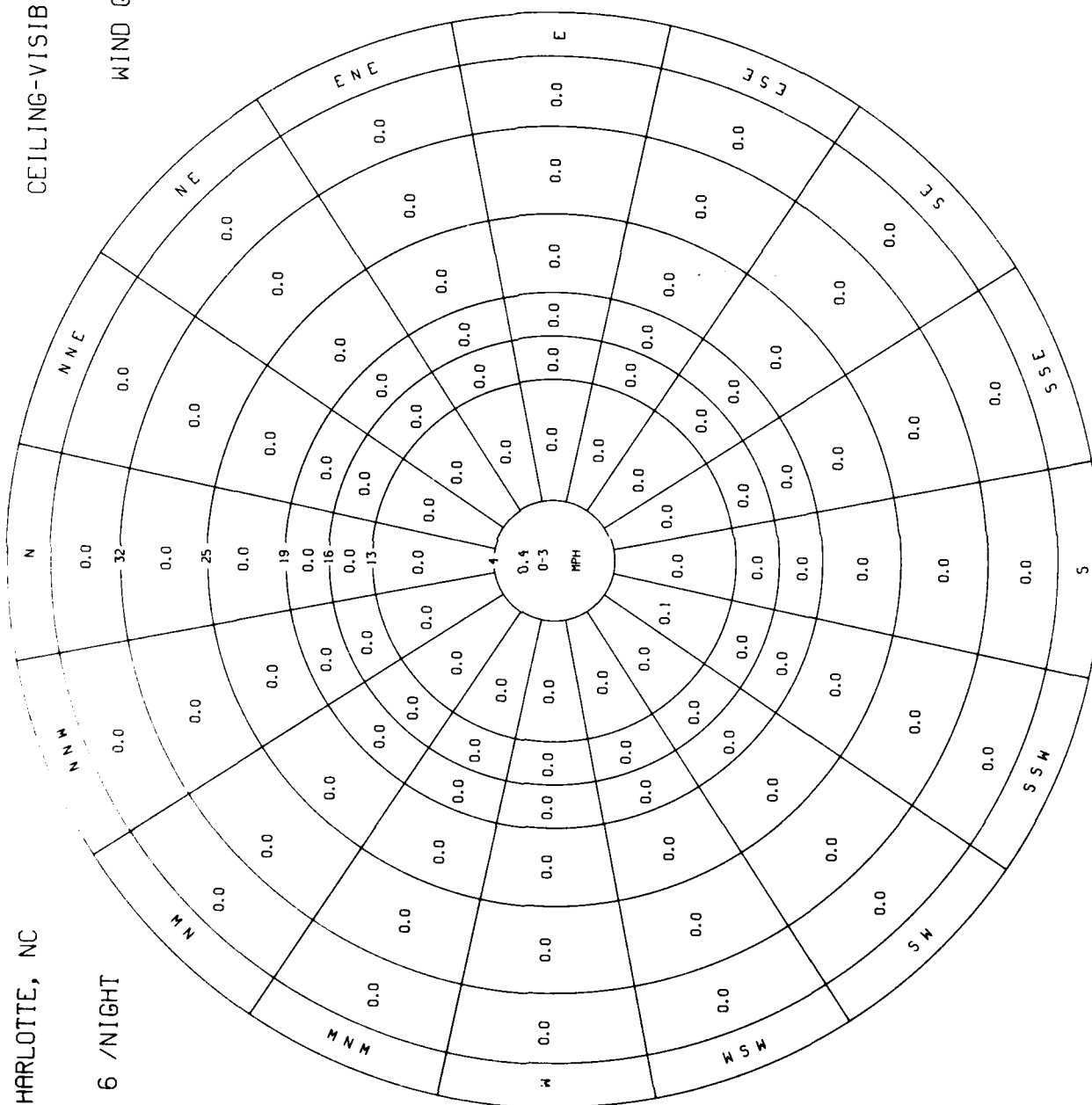
STATION NUMBER: 13881

NO. OBS.: 274

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	1.8	.0	3.3	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.5	6.1
NNE	.0	1.5	.0	4.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.5	6.2
NE	.0	1.1	.0	2.9	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	4.4	5.8
ENE	.0	.4	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	6.1
E	.0	2.2	.0	2.6	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.1	6.0
ESE	.0	1.1	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	4.9
SE	.0	.7	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	5.2
SSE	.0	3.3	.0	4.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.7	5.3
S	.0	1.5	.0	5.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.3	5.4
SSW	.0	.7	.0	5.1	.0	.7	.0	.4	.0	.0	.0	.0	.0	.0	.0	6.9	8.0
SW	.0	1.8	.0	3.6	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	5.8	6.1
WSW	.0	.7	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	6.0
W	.0	2.6	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	3.9
WNW	.0	1.5	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	4.4
NW	.0	1.8	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	5.0
NNW	.0	.7	.0	4.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7	5.6
CALM	.1	23.4													.1	23.4	
TOTAL	.3	46.7	.3	50.4	.0	1.8	.0	1.1	.0	.0	.0	.0	.0	.0	.6	100	4.4

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: CLT CHARLOTTE, NC

PERIOD: 1948-1978

CLASS 6 / NIGHT

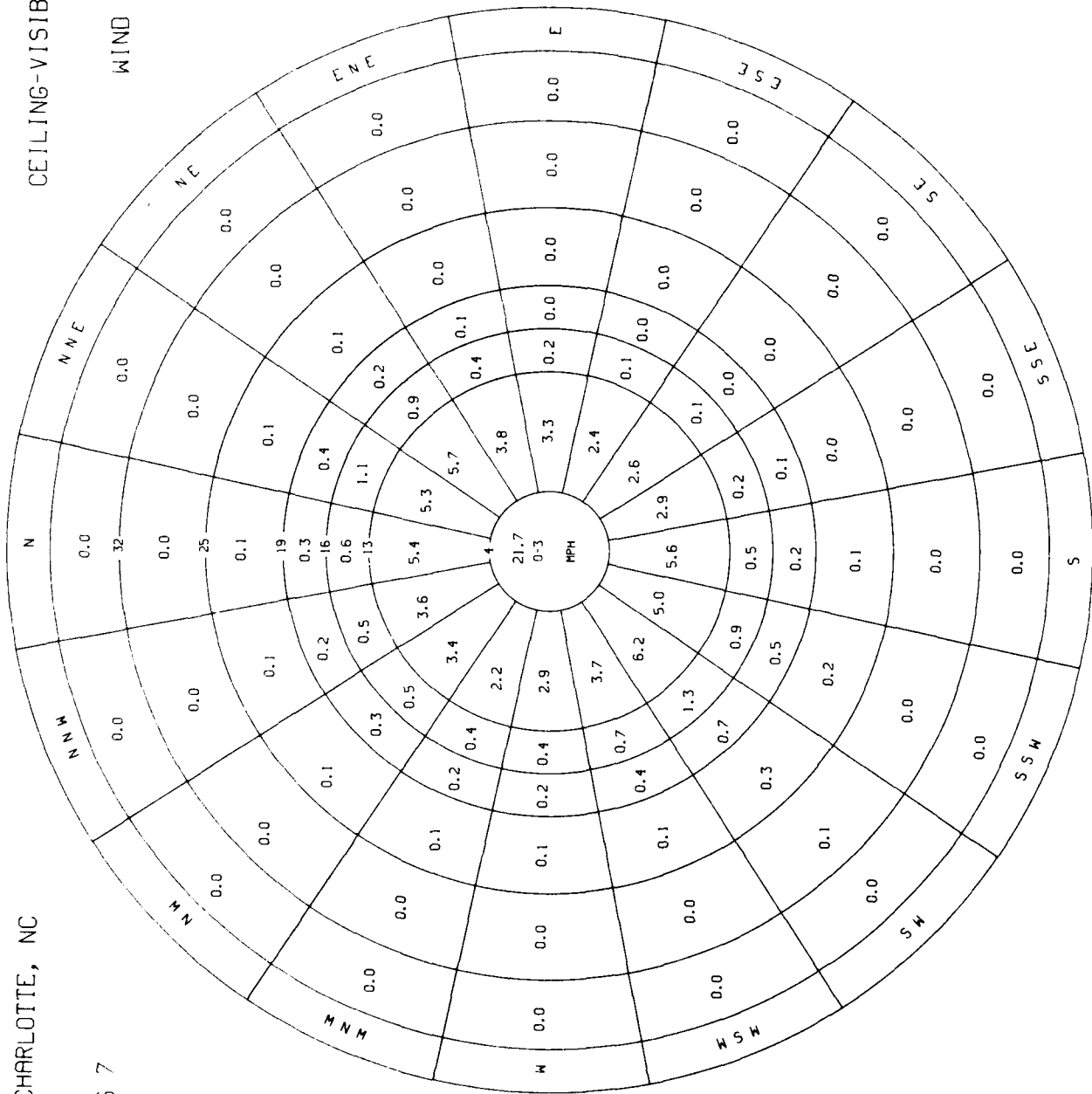
STATION NUMBER: 13881

NO. OBS.: 374

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	2.7	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 5.3
NNE	.0	3.2	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 5.6
NE	.0	1.1	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.7
ENE	.0	1.1	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.6
E	.0	.8	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.1
ESE	.0	.3	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.1
SE	.0	1.6	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.7
SSE	.0	.5	.0	5.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 5.9
S	.0	1.3	.0	5.3	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.1 7.0
SSW	.0	.3	.1	6.4	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1 7.0
SW	.0	1.6	.0	4.5	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.1 6.4
WSW	.0	2.1	.0	3.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 5.6
W	.0	2.1	.0	5.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 7.2
WNW	.0	1.6	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.7
NW	.0	2.1	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 4.3
NNW	.0	2.4	.0	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 5.3
CALM	.2	24.3													.2 24.3
TOTAL	.4	49.2	.5	50.0	.0	.3	.0	.5	.0	.0	.0	.0	.0	.0	.9 100

CEILING-VISIBILITY

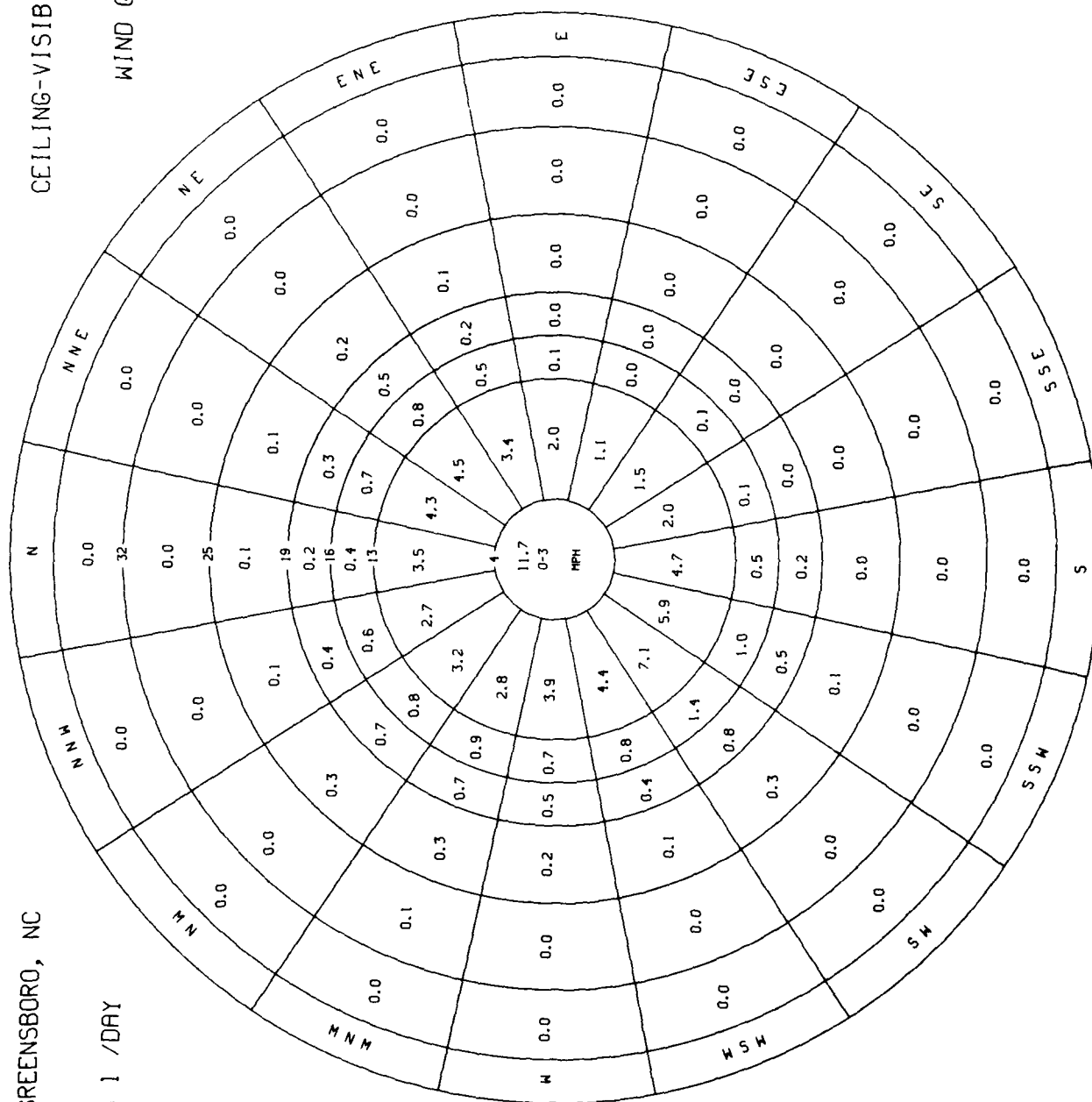
WIND GRAPH



CEILING-VISIBILITY

CLASS 1 / DAY

WIND GRAPH



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CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: GSO GREENSBORO, NC

PERIOD: 1949-1978

CLASS 1 / DAY

STATION NUMBER: 13723

NO. OBS.: 40614

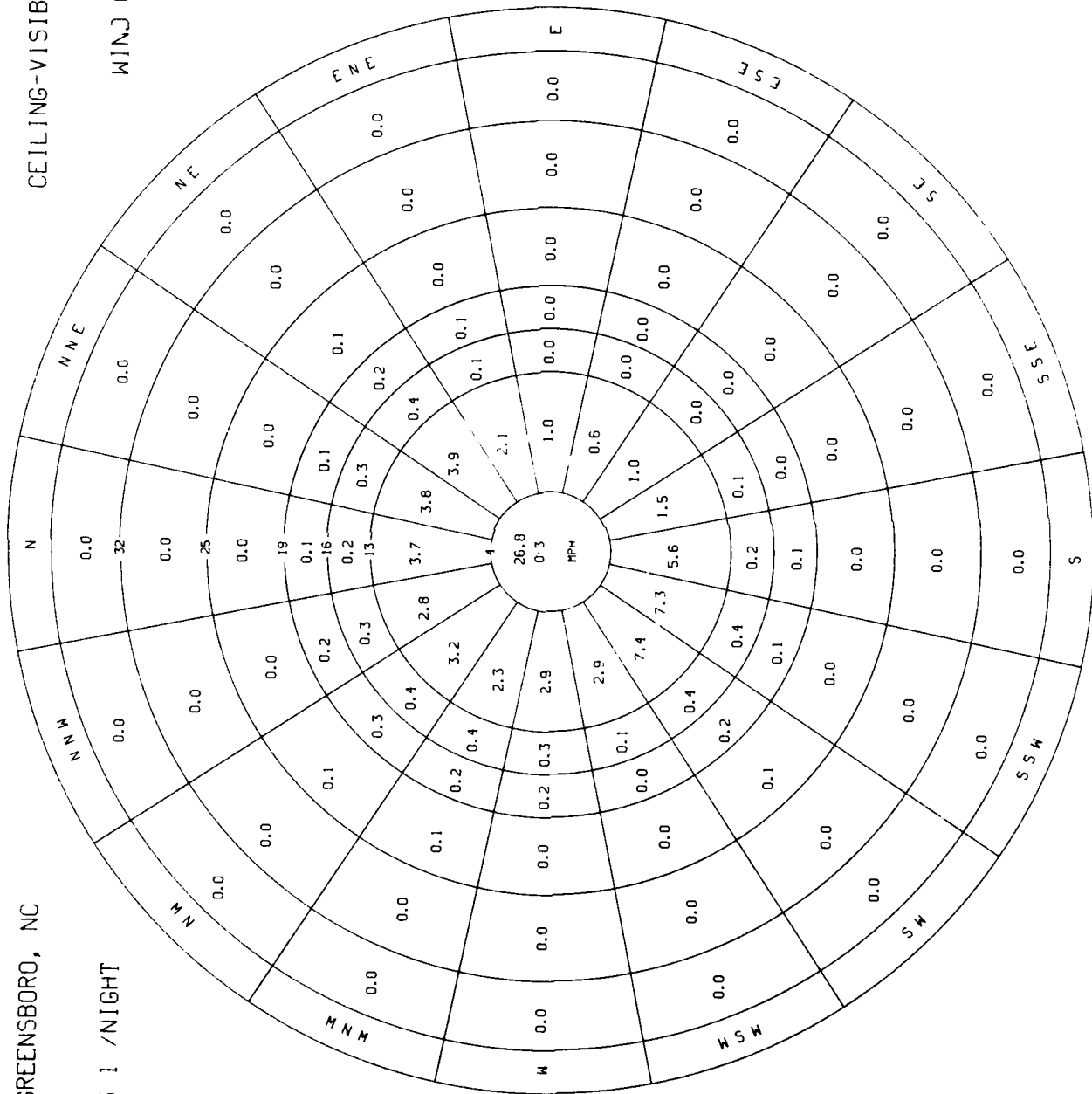
D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	.7	.8	3.5	4.1	.4	.5	.2	.2	.1	.1	.0	.0	.0	.0	4.8	5.7	8.2
NNE	.7	.8	4.3	5.0	.7	.8	.3	.3	.1	.1	.0	.0	.0	.0	6.0	7.0	8.7
NE	.7	.8	4.5	5.3	.8	1.0	.5	.5	.2	.2	.0	.0	.0	.0	6.7	7.8	9.3
ENE	.5	.6	3.4	4.0	.5	.5	.2	.3	.1	.1	.0	.0	.0	.0	4.8	5.6	8.5
E	.6	.7	2.0	2.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.8	3.2	6.6
ESE	.3	.4	1.1	1.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.5	1.8	6.3
SE	.4	.5	1.5	1.7	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.0	2.3	6.5
SSE	.4	.4	2.0	2.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.5	2.9	7.2
S	.9	1.0	4.7	5.5	.5	.5	.2	.2	.0	.0	.0	.0	.0	.0	6.2	7.3	7.7
SSW	.7	.8	5.9	6.9	1.0	1.1	.5	.6	.1	.1	.0	.0	.0	.0	8.2	9.6	9.0
SW	1.2	1.4	7.1	8.4	1.4	1.6	.8	.9	.3	.3	.0	.1	.0	.0	10.8	12.6	9.4
WSW	.5	.6	4.4	5.1	.8	1.0	.4	.5	.1	.1	.0	.0	.0	.0	6.2	7.2	9.3
W	.7	.8	3.9	4.5	.7	.9	.5	.6	.2	.2	.0	.0	.0	.0	6.0	7.0	9.5
WNW	.4	.4	2.8	3.2	.9	1.0	.7	.8	.3	.3	.1	.1	.0	.0	5.0	5.9	11.1
NW	.5	.6	3.2	3.7	.8	.9	.7	.9	.3	.4	.0	.1	.0	.0	5.5	6.5	10.6
NNW	.4	.5	2.7	3.2	.6	.7	.4	.5	.1	.2	.0	.0	.0	.0	4.3	5.0	9.7
CALM	2.2	2.6													2.2	2.6	
TOTAL	11.7	13.7	56.9	66.5	9.4	11.0	5.5	6.4	1.8	2.1	.3	.3	.0	.0	85.5	100	8.7

GSO GREENSBORO, NC

CLASS 1 / NIGHT

CEILING-VISIBILITY

WINJ GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: GSO GREENSBORO, NC

PERIOD: 1949-1978

CLASS 1 / NIGHT

STATION NUMBER: 13723

NO. OBS.: 34083

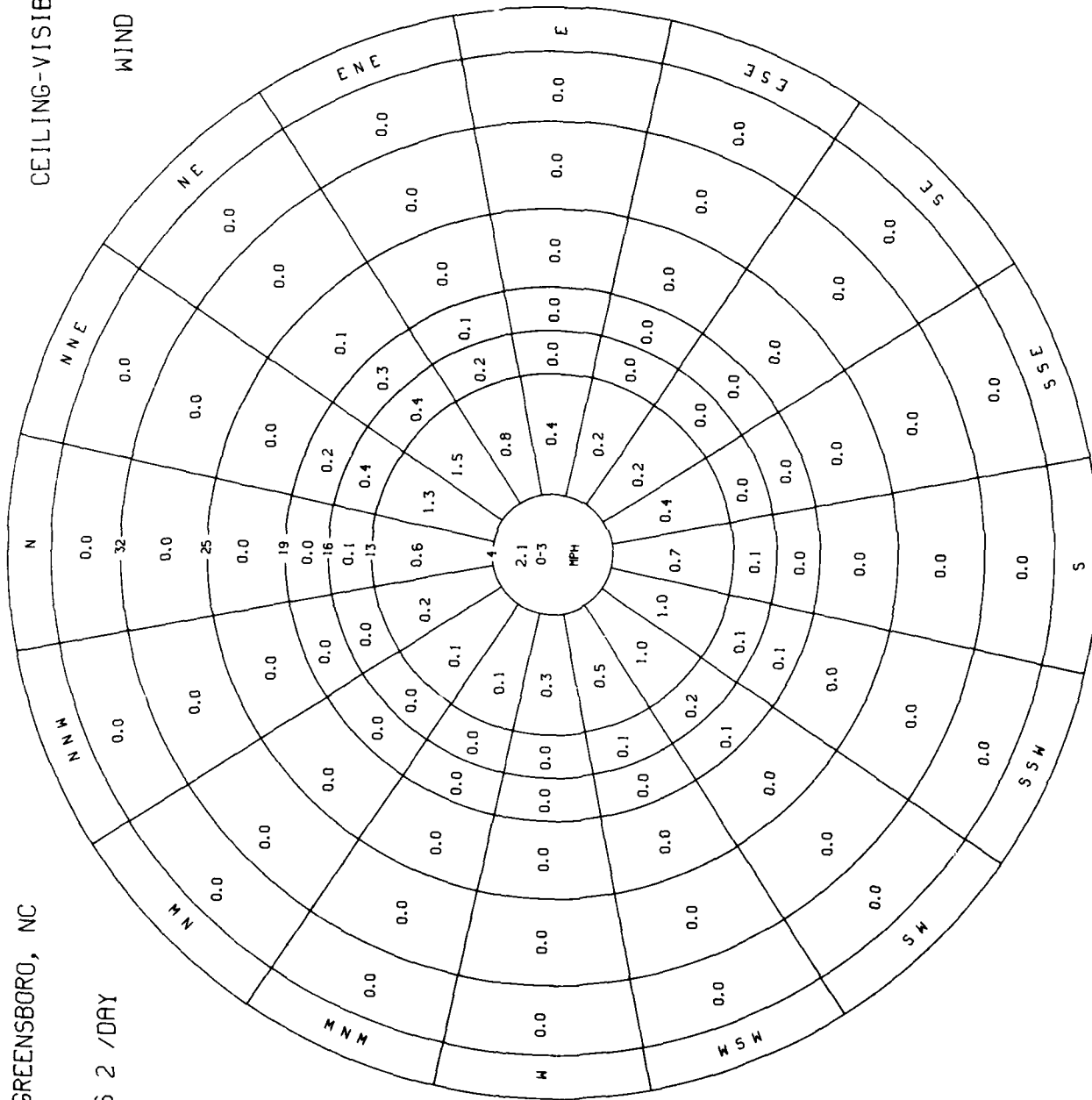
DIR	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	1.0	1.1	3.7	4.3	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0	5.0 5.9
NNE	1.0	1.2	3.6	4.5	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	5.3 6.2
N E	1.3	1.6	3.9	4.6	.4	.5	.2	.2	.1	.1	.0	.0	.0	.0	6.0 7.0
ENE	.9	1.0	2.1	2.4	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	3.2 3.8
E	.8	.9	1.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8 2.1
ESE	.3	.4	.6	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0 1.1
SE	.6	.6	1.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5 1.8
SSE	.6	.7	1.5	1.8	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.2 2.6
S	1.3	1.5	5.6	6.5	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0	7.2 8.5
SSW	2.0	2.3	7.3	8.6	.4	.4	.1	.2	.0	.0	.0	.0	.0	.0	9.8 11.5
SW	2.7	3.1	7.4	8.8	.4	.5	.2	.2	.1	.1	.0	.0	.0	.0	10.8 12.7
WSW	1.3	1.5	2.9	3.5	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	4.4 5.2
W	1.2	1.5	2.9	3.4	.3	.3	.2	.2	.0	.0	.0	.0	.0	.0	4.6 5.4
WNW	.6	.7	2.3	2.8	.4	.4	.2	.2	.1	.1	.0	.0	.0	.0	3.6 4.2
NW	.8	1.0	3.2	3.7	.4	.5	.3	.4	.1	.1	.0	.0	.0	.0	4.8 5.7
NNW	.6	.7	2.8	3.3	.3	.3	.2	.2	.0	.0	.0	.0	.0	.0	3.8 4.5
CALM	9.9	11.7													9.9 11.7
TOTAL	26.8	31.6	51.9	61.1	3.6	4.3	1.9	2.2	.6	.7	.1	.1	.0	.0	84.9 100
															6.0

GSO GREENSBORO, NC

CLASS 2 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: GSO GREENSBORO, NC

PERIOD: 1949-1978

CLASS 2 / DAY

STATION NUMBER: 13723

NO. OBS.: 6865

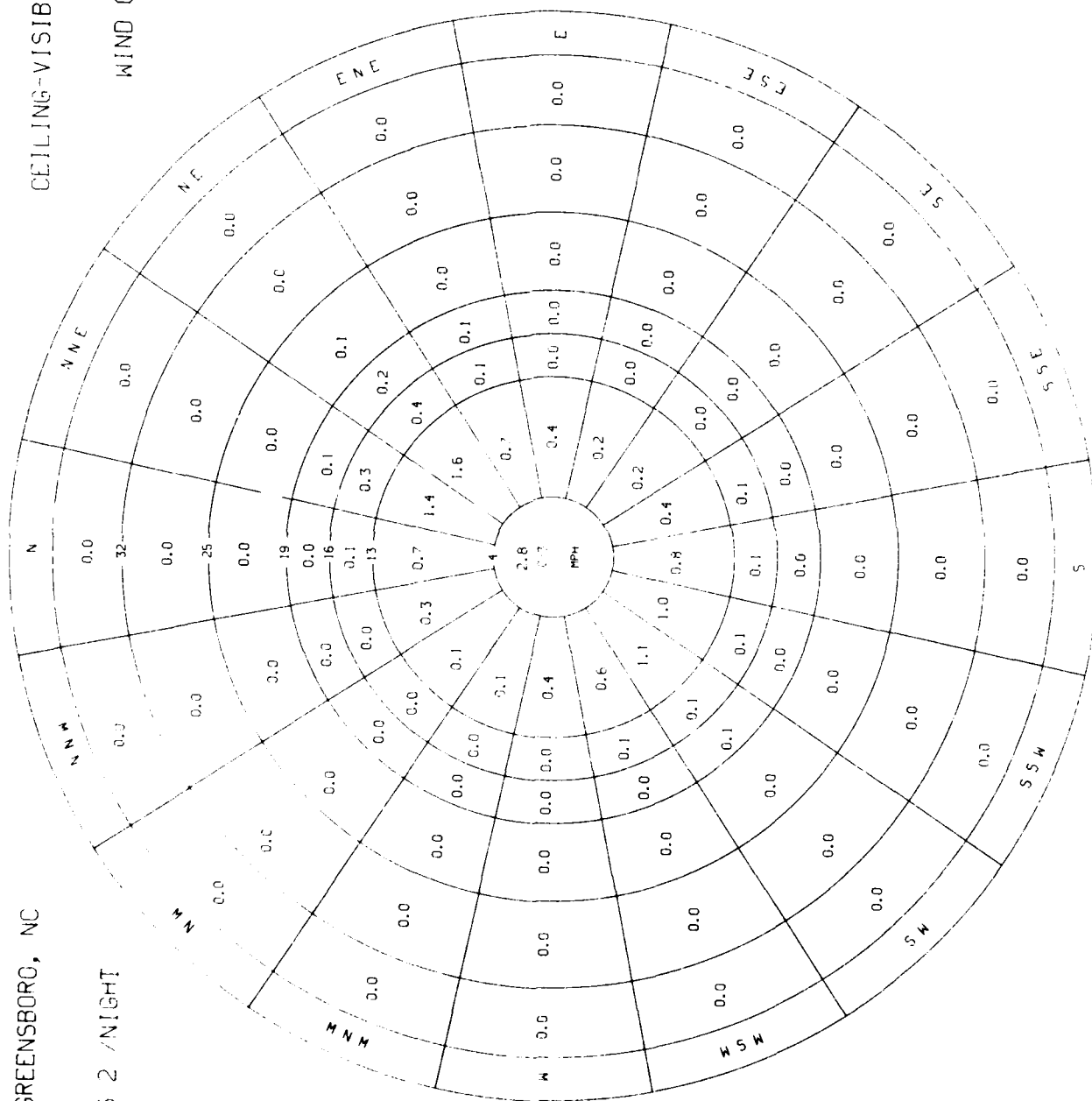
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D
N	.1	.8	.6	4.2	.1	.5	.0	.2	.0	.1	.0	.0	.0	.0	.0	.9	5.9	8.1
NNE	.1	.8	1.3	9.0	.4	2.5	.2	1.2	.0	.3	.0	.1	.0	.0	.0	2.0	13.9	10.3
NE	.2	1.0	1.5	10.3	.4	3.1	.3	2.0	.1	.8	.0	.1	.0	.0	.0	2.5	17.4	10.9
ENE	.1	.6	.8	5.7	.2	1.0	.1	.6	.0	.2	.0	.1	.0	.0	.0	1.2	8.3	9.9
E	.1	.7	.4	2.9	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.6	4.1	7.4
ESE	.1	.5	.2	1.6	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.3	2.2	7.0
SE	.1	.4	.2	1.7	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.0	.4	2.4	8.1
SSE	.1	.5	.4	2.5	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.5	3.3	7.9
S	.2	1.0	.7	5.1	.1	.8	.0	.3	.0	.1	.0	.0	.0	.0	.0	1.1	7.3	8.1
SSW	.1	.9	1.0	6.9	.1	.7	.1	.4	.0	.1	.0	.0	.0	.0	.0	1.3	9.1	8.5
SW	.1	.9	1.0	7.1	.2	1.2	.1	.4	.0	.1	.0	.0	.0	.0	.0	1.4	9.6	8.9
WSW	.1	.6	.5	3.6	.1	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.7	4.8	8.1
W	.1	.9	.3	2.1	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.5	3.1	6.5
WNW	.1	.3	.1	.6	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.1	6.5
NW	.1	.4	.1	1.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.2	1.6	7.6
NNW	.1	.4	.2	1.7	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.0	.4	2.5	7.8
CALM	.5	3.4														.5	3.4	
TOTAL	2.1	14.2	9.5	66.0	1.6	11.4	.8	5.9	.3	2.0	.1	.5	.0	.1	.1	14.5	100	8.7

GSO GREENSBORO, NC

CLASS 2 / NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: GSO GREENSBORO, NC

PERIOD: 1949-1978

CLASS 2 / NIGHT

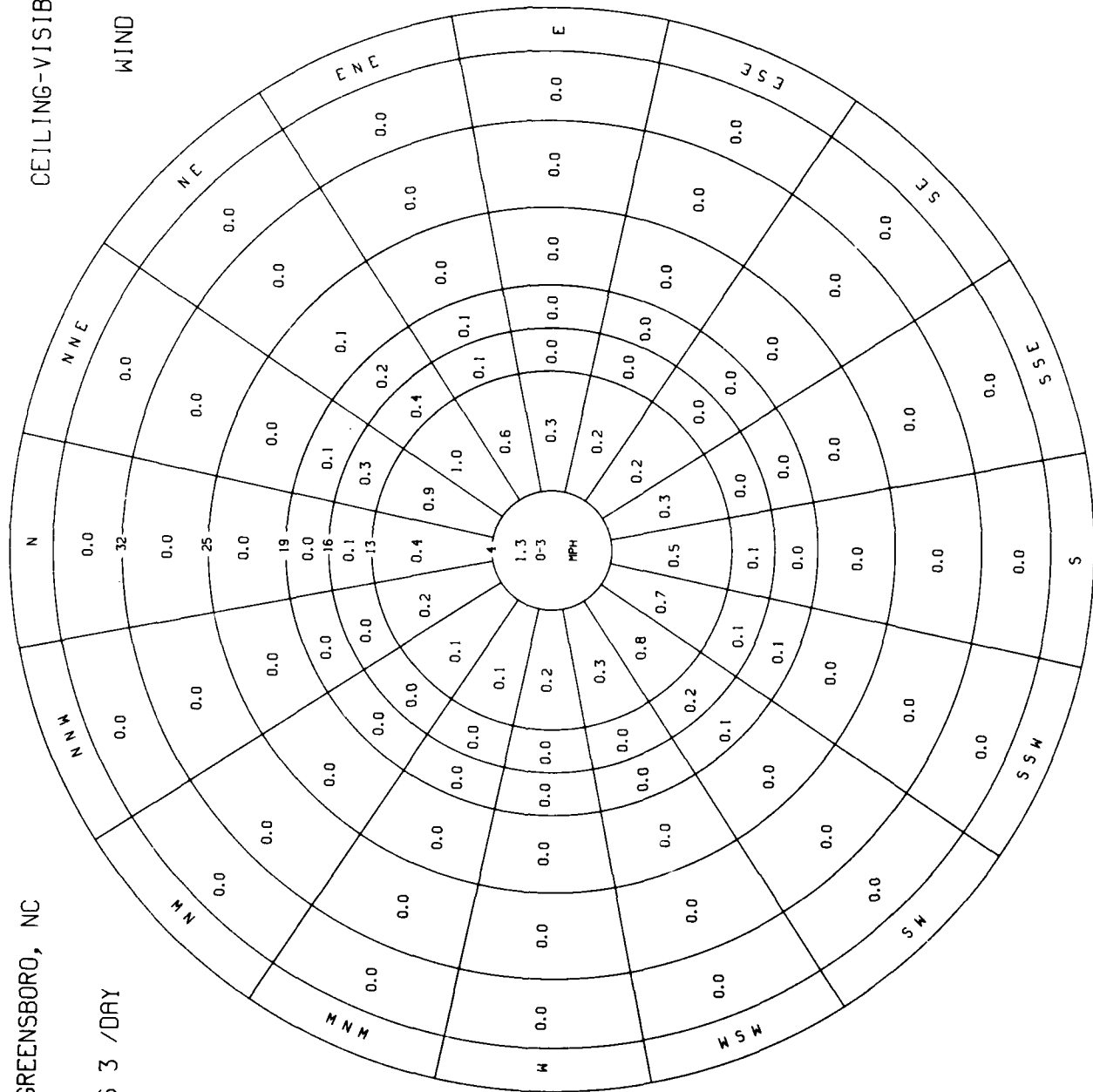
STATION NUMBER: 13723

NO. OBS.: 6076

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D
N	.1	.9	.7	4.5	.1	.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	.9	6.0	7.5
NNE	.2	1.0	1.4	9.0	.3	2.3	.1	.8	.0	.2	.0	.1	.0	.0	.0	2.0	13.4	9.6
NE	.2	1.3	1.6	10.5	.4	2.8	.2	1.6	.1	.9	.0	.1	.0	.0	.0	2.6	17.2	10.5
ENE	.1	.8	.7	4.5	.1	.9	.1	.7	.0	.3	.0	.1	.0	.0	.0	1.1	7.3	9.8
E	.1	.8	.4	2.6	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	3.7	6.9
ESE	.1	.4	.2	1.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.6	6.5
SE	.0	.3	.2	1.4	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.3	2.0	8.1
SSE	.0	.3	.4	2.3	.1	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.5	3.2	8.5
S	.1	.9	.8	5.3	.1	.4	.0	.3	.0	.1	.0	.0	.0	.0	.0	1.1	7.2	8.0
SSW	.1	.9	1.0	6.3	.1	.8	.0	.3	.0	.0	.0	.0	.0	.0	.0	1.3	8.5	8.3
SW	.3	1.9	1.1	7.0	.1	.8	.1	.4	.0	.2	.0	.0	.0	.0	.0	1.6	10.3	8.1
WSW	.1	.7	.6	3.9	.1	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	5.0	7.6
W	.1	.9	.4	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	3.5	5.8
WNW	.1	.3	.1	.6	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.0	6.0
NW	.1	.7	.1	.9	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.3	1.8	6.4
NNW	.1	.6	.3	1.9	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.4	2.7	6.9
CALM	.9	5.7														.9	5.7	
TOTAL	2.8	18.4	9.7	64.3	1.5	10.0	.7	4.9	.3	2.0	.1	.4	.0	.0	.0	15.1	100	8.1

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: GSO GREENSBORO, NC

PERIOD: 1949-1978

CLASS 3 / DAY

STATION NUMBER: 13723

NO. OBS.: 4999

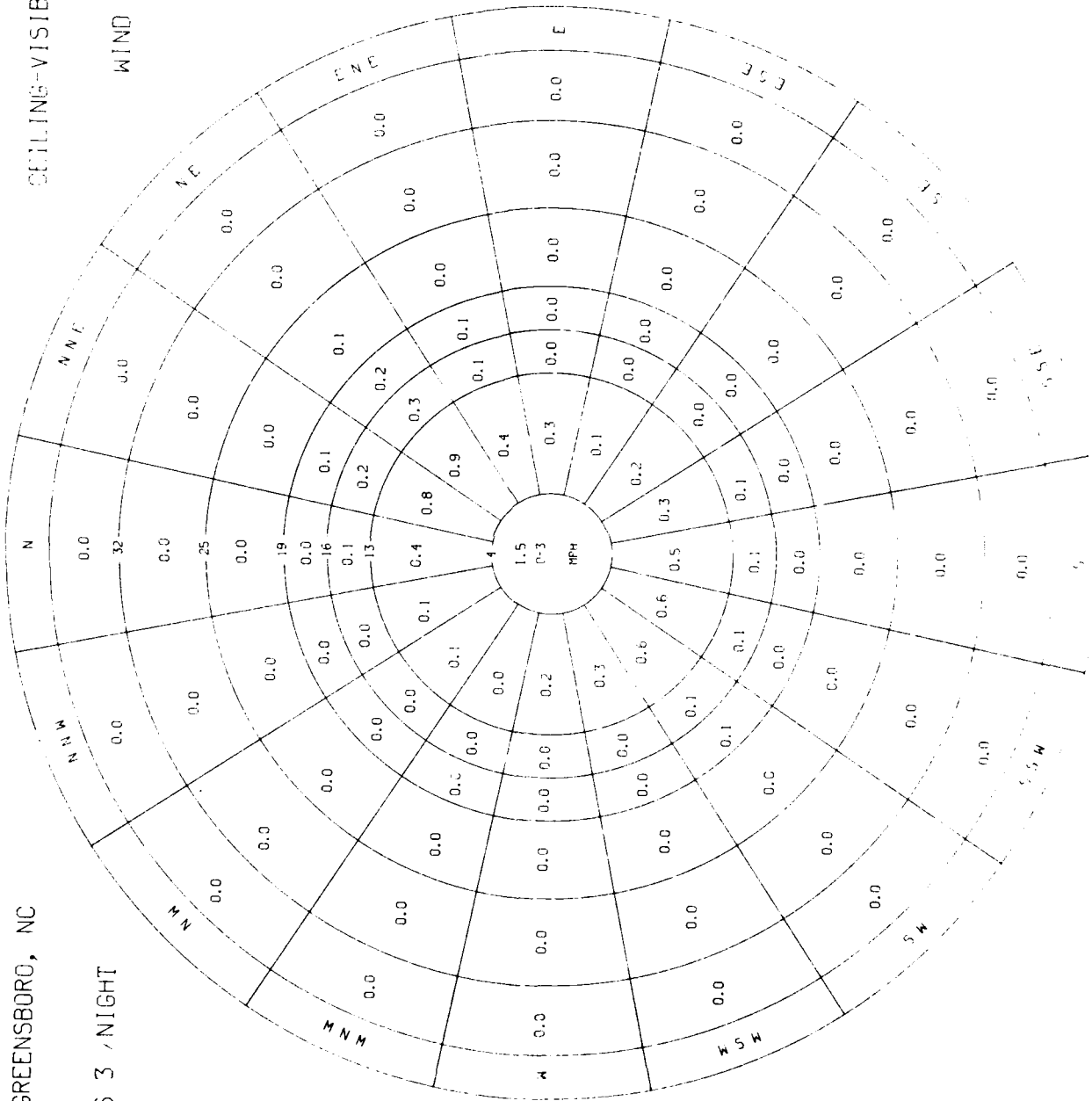
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.1	.6	.4	4.2	.1	.6	.0	.3	.0	.1	.0	.1	.0	.0	.6 5.9
NNE	.1	.7	.9	8.5	.3	2.7	.1	1.4	.0	.4	.0	.1	.0	.0	1.5 13.9
NE	.1	.8	1.0	9.8	.4	3.4	.2	2.3	.1	.8	.0	.2	.0	.0	1.8 17.2
ENE	.1	.5	.6	5.4	.1	1.2	.1	.7	.0	.3	.0	.1	.0	.0	.9 8.3
E	.1	.6	.3	3.0	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.4 4.2
ESE	.0	.4	.2	1.7	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.3 2.4
SE	.0	.5	.2	1.7	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.3 2.5
SSE	.0	.3	.3	2.6	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.4 3.4
S	.1	1.0	.5	5.1	.1	.9	.0	.4	.0	.1	.0	.0	.0	.0	.8 7.5
SSW	.1	.8	.7	7.1	.1	1.0	.1	.5	.0	.1	.0	.0	.0	.0	1.0 9.5
SW	.1	.7	.8	7.3	.2	1.4	.1	.5	.0	.1	.0	.0	.0	.0	1.1 10.0
WSW	.1	.6	.3	3.3	.0	.5	.0	.2	.0	.0	.0	.0	.0	.0	.5 4.5
W	.1	.7	.2	2.1	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.3 2.9
WNW	.0	.3	.1	.6	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.1
NW	.0	.3	.1	1.0	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.2 1.5
NNW	.0	.3	.2	1.7	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.3 2.4
CALM	.3	2.8													.3 2.8
TOTAL	1.3	11.9	6.8	64.9	1.4	13.1	.7	7.0	.2	2.3	.1	.6	.0	.1	10.5 100
															9.3

GSO GREENSBORO, NC

CLASS 3 / NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: GSO GREENSBORO, NC

PERIOD: 1949-1978

CLASS 3 / NIGHT

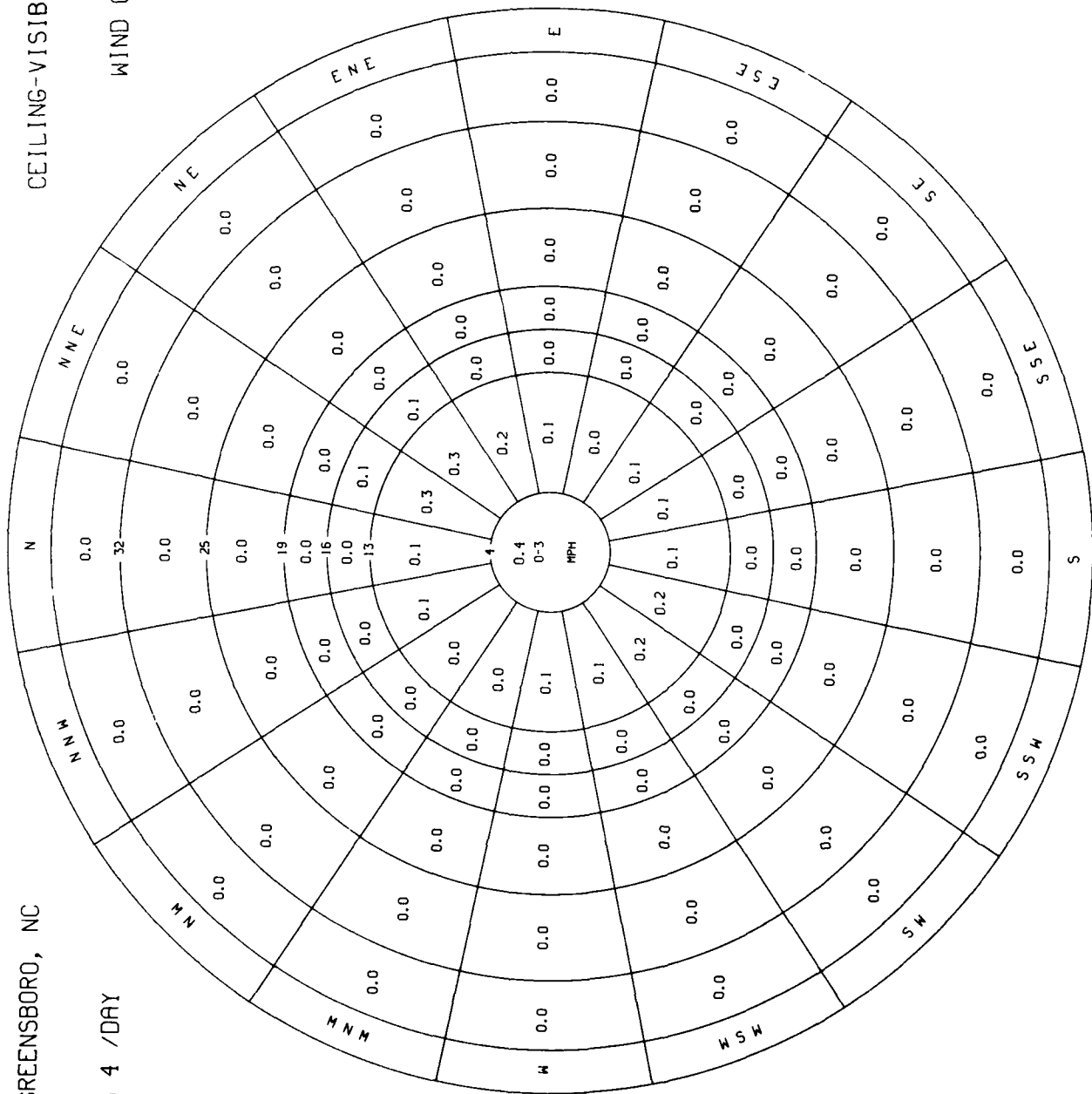
STATION NUMBER: 13723

NO. OBS.: 3704

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.1	.6	.4	4.3	.1	.7	.0	.2	.0	.0	.0	.0	.0	.0	.5	5.9	8.2		
NNE	.1	.9	.8	8.3	.2	2.7	.1	1.2	.0	.2	.0	.1	.0	.0	1.2	13.4	10.2		
NE	.1	1.2	.9	9.7	.3	3.3	.2	2.1	.1	1.2	.0	.2	.0	.0	1.6	17.5	11.1		
ENE	.1	.6	.4	4.3	.1	1.3	.1	.9	.0	.4	.0	.1	.0	.0	.7	7.5	10.7		
E	.1	.9	.3	2.8	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.4	4.0	7.1		
ESE	.0	.4	.1	1.2	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.2	1.8	6.9		
SE	.0	.2	.2	1.6	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.2	2.3	8.7		
SSE	.0	.2	.3	2.8	.1	.7	.0	.1	.0	.1	.0	.0	.0	.0	.4	4.0	9.2		
S	.1	.8	.5	5.6	.1	.6	.0	.5	.0	.2	.0	.0	.0	.0	.7	7.7	8.8		
SSW	.1	.8	.6	6.4	.1	1.2	.0	.5	.0	.1	.0	.1	.0	.0	.8	8.9	8.9		
SW	.2	1.7	.6	6.3	.1	1.2	.1	.6	.0	.3	.0	.0	.0	.0	.9	10.3	9.1		
WSW	.0	.5	.3	2.9	.0	.5	.0	.1	.0	.1	.0	.0	.0	.0	.4	4.1	8.3		
W	.1	.6	.2	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.7	6.4		
WNW	.0	.3	.0	.5	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.9	6.4		
NW	.0	.4	.1	.6	.0	.1	.0	.2	.0	.0	.0	.0	.0	.0	.1	1.5	6.2		
NNW	.0	.5	.1	1.6	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.2	2.3	7.6		
CALM	.6	5.2													.5	5.2			
TOTAL	5.6	61.1	5.6	61.1	1.2	13.1	.6	6.6	.3	2.7	.1	.6	.0	.1	9.2	100	8.8		

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: GSO GREENSBORO, NC

PERIOD: 1949-1978

CLASS 4 / DAY

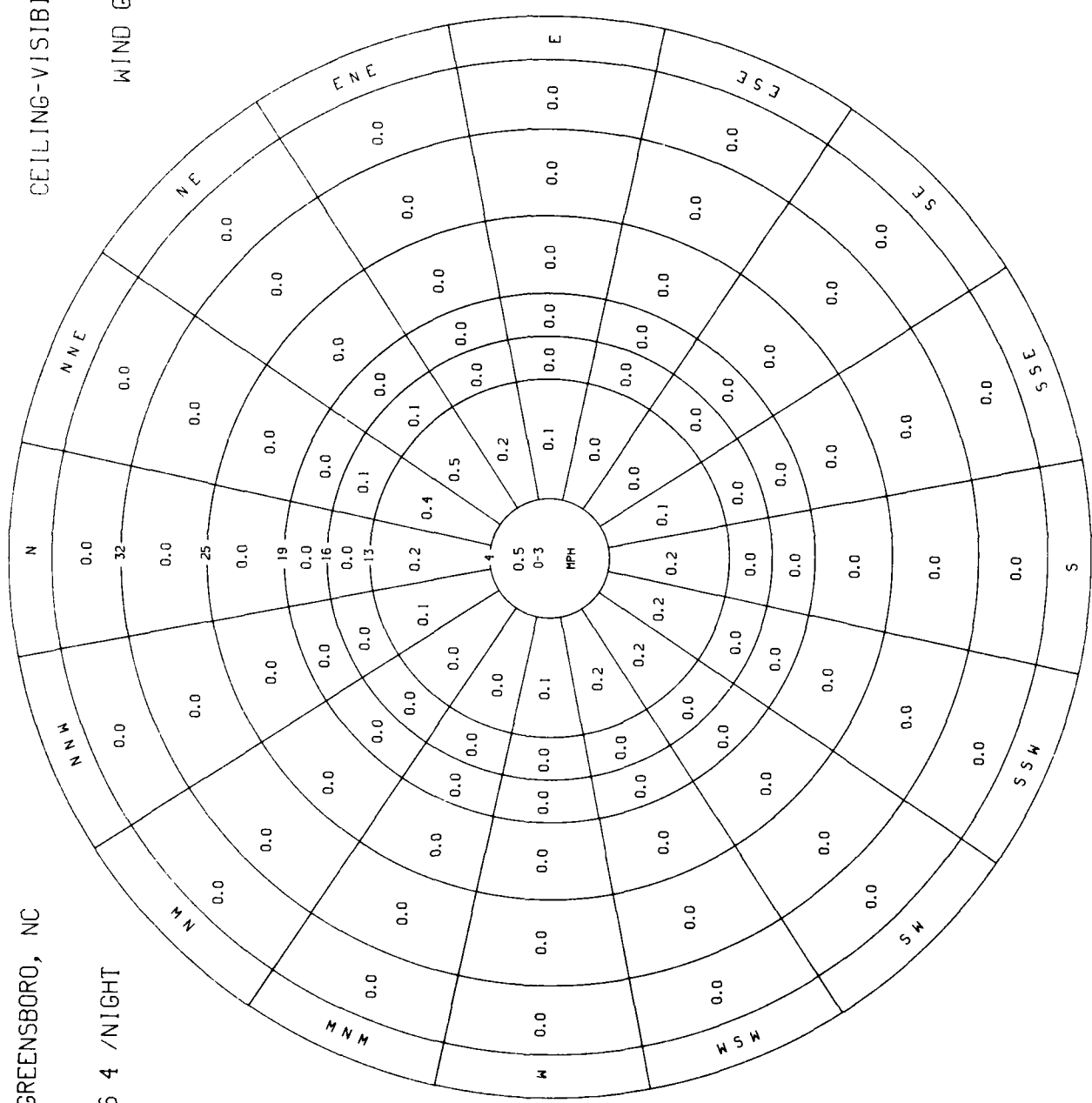
STATION NUMBER: 13723

NO. OBS.: 1273

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	1.0	.1	4.4	.0	.2	.0	.2	.0	.2	.0	.0	.0	.0	.2 6.0
NNE	.0	.8	.3	11.8	.1	2.0	.0	.6	.0	.0	.0	.0	.0	.0	.4 15.2
NE	.0	1.3	.3	12.4	.1	2.9	.0	1.5	.0	.8	.0	.0	.0	.0	.5 18.9
ENE	.0	.4	.2	5.9	.0	.8	.0	.5	.0	.2	.0	.1	.0	.0	.2 7.8
E	.0	1.0	.1	2.4	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.1 3.5
ESE	.0	.5	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.8
SE	.0	.2	.1	2.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1 2.5
SSE	.0	.9	.1	2.9	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1 4.0
S	.0	1.1	.1	5.0	.0	.3	.0	.0	.0	.1	.0	.0	.0	.0	.2 6.5
SSW	.0	1.0	.2	6.4	.0	.2	.0	.2	.0	.1	.0	.0	.0	.0	.2 7.8
SW	.0	.7	.2	6.3	.0	.7	.0	.0	.0	.1	.0	.0	.0	.0	.2 7.8
WSW	.0	.7	.1	4.6	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1 5.4
W	.0	.6	.1	2.1	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.1 2.9
WNW	.0	.3	.0	.7	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0 1.1
NW	.0	.6	.0	.9	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.1 1.9
NNW	.0	.5	.1	2.0	.0	.3	.0	.0	.0	.1	.0	.0	.0	.0	.1 2.9
CALM	.1	3.8													.1 3.8
TOTAL	.4	15.6	1.9	71.3	.2	8.1	.1	3.4	.0	1.5	.0	.1	.0	.0	2.7 100
															8.0

CEILING-VISIBILITY

WIND GRAPH



GSO GREENSBORO, NC

CLASS 4 / NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: GSO GREENSBORO, NC

PERIOD: 1949-1978

CLASS 4 / NIGHT

STATION NUMBER: 13723

NO. OBS.: 1409

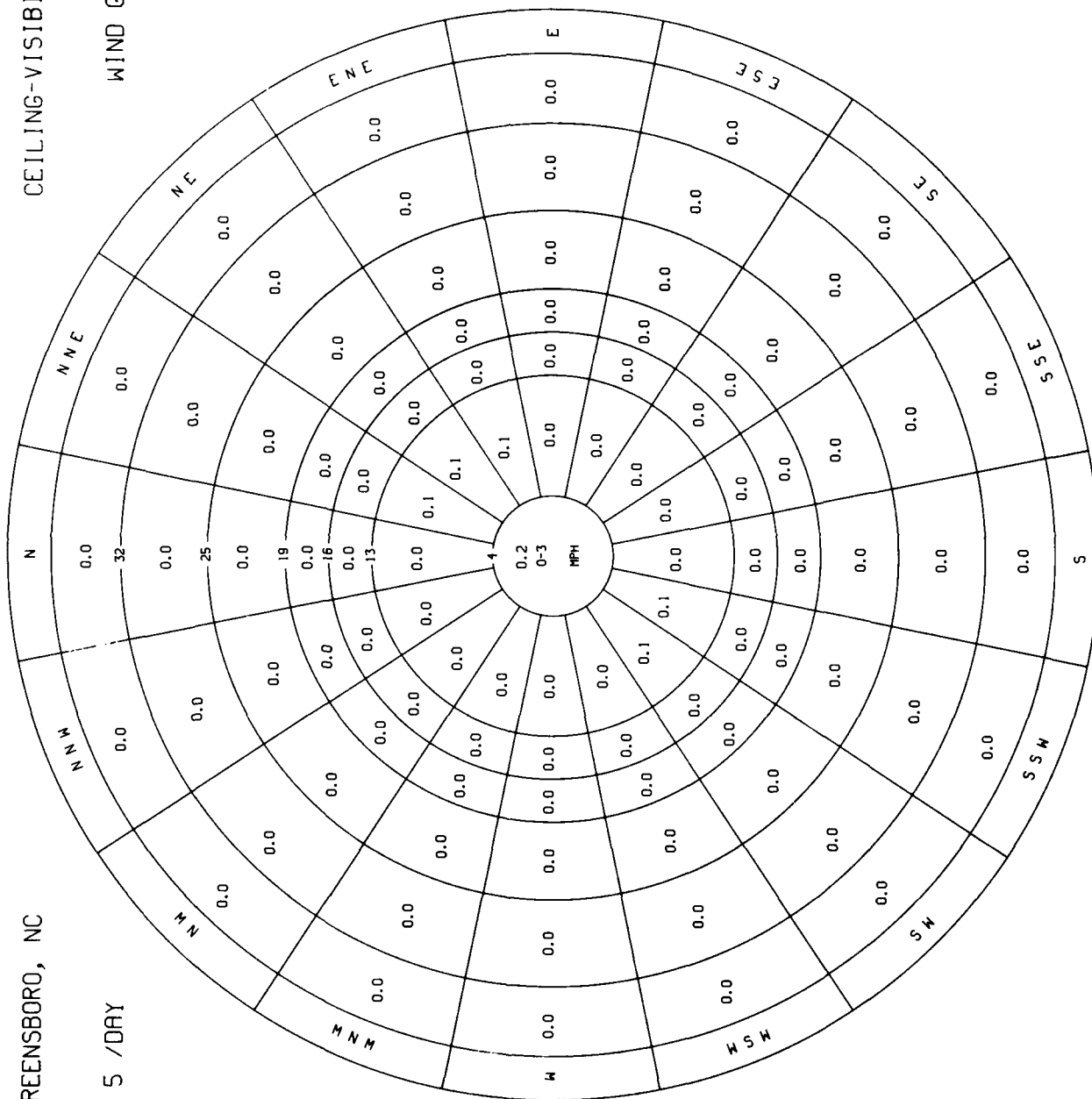
D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	.0	.8	.2	5.6	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.2	6.7	7.0
NNE	.0	.9	.4	11.4	.1	2.1	.0	.3	.0	.4	.0	.0	.0	.0	.5	15.0	9.3
NE	.0	1.1	.5	13.5	.1	3.1	.0	1.4	.0	.6	.0	.0	.0	.0	.7	19.6	10.2
ENE	.0	.9	.2	5.8	.0	.3	.0	.7	.0	.1	.0	.1	.0	.0	.3	7.9	8.7
E	.0	.6	.1	2.5	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.3	6.7
ESE	.0	.4	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	5.5
SE	.0	.2	.0	1.1	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.1	1.5	7.3
SSE	.0	.7	.1	2.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.0	6.4
S	.0	1.1	.2	5.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.2	6.3	6.4
SSW	.0	.8	.2	6.3	.0	.3	.0	.1	.0	.1	.0	.0	.0	.0	.3	7.6	7.3
SW	.0	1.3	.2	6.2	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.3	7.7	6.8
WSW	.0	.6	.2	4.6	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.2	5.7	7.6
W	.0	1.0	.1	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.8	5.6
WNW	.0	.3	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	6.3
NW	.0	.6	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.8	5.4
NNW	.0	.4	.1	3.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.7	6.8
CALM	.1	4.1													.1	4.1	
TOTAL	.5	15.5	2.6	73.1	.3	7.2	.1	2.8	.0	1.3	.0	.1	.0	.0	3.5	100	7.7

CEILING-VISIBILITY

WIND GRAPH

GSO GREENSBORO, NC

CLASS 5 / DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: GSO GREENSBORO, NC

PERIOD: 1949-1978

CLASS 5 / DAY

STATION NUMBER: 13723

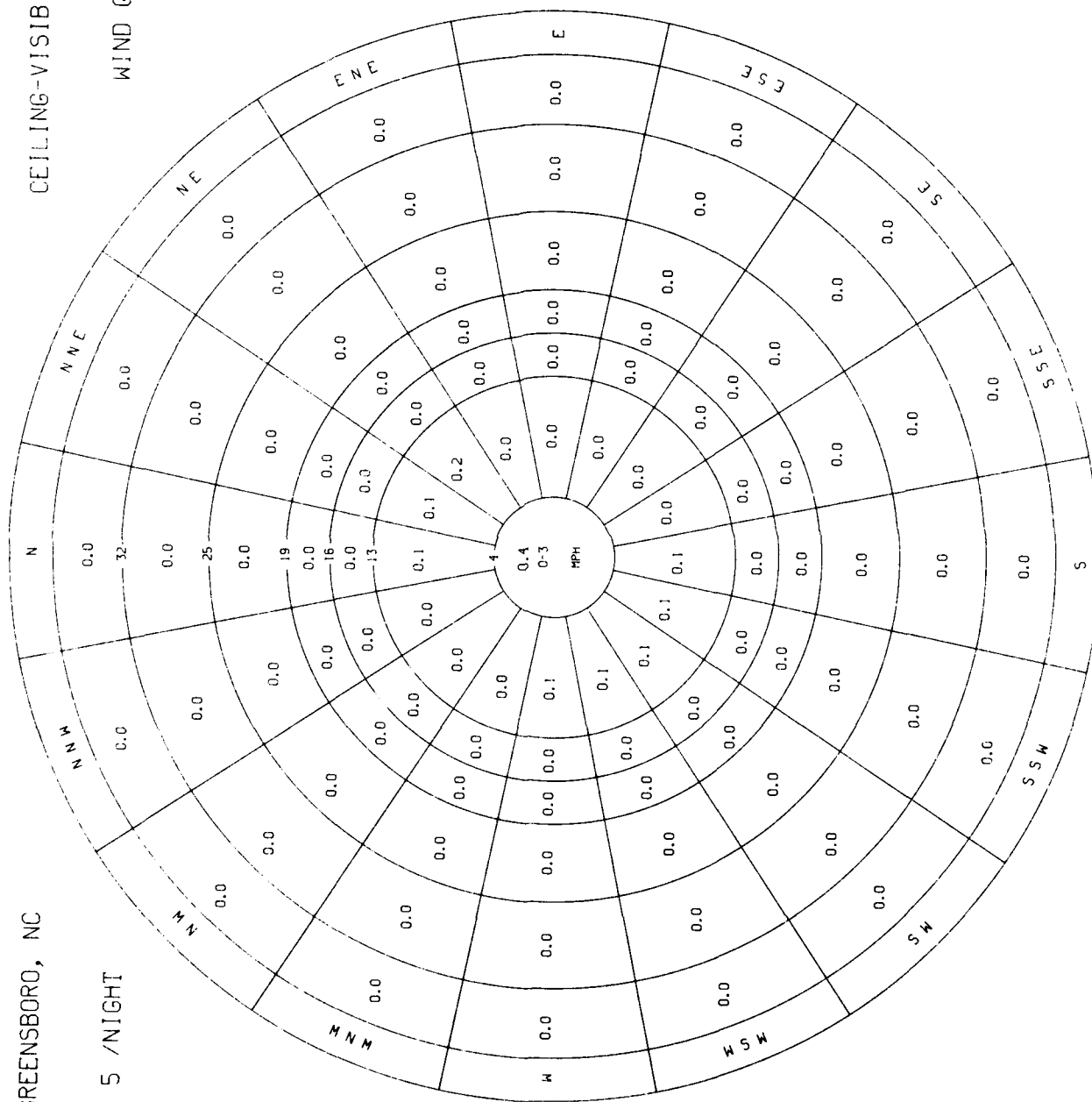
NO. OBS.: 336

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C
N	.0	1.5	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8
NNE	.0	2.1	.1	7.4	.0	2.1	.0	.6	.0	.3	.0	.0	.0	.0	.0	.1	12.5
NE	.0	2.4	.1	10.1	.0	1.5	.0	.6	.0	.6	.0	.0	.0	.0	.0	.1	15.2
ENE	.0	.9	.1	8.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	9.5
E	.0	.6	.0	3.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2
ESE	.0	.3	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2
SE	.0	.9	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8
SSE	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2
S	.0	1.8	.0	6.5	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	8.6
SSW	.0	.9	.1	9.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	10.7
SW	.0	1.8	.1	9.2	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	11.3
WSW	.0	.0	.0	3.6	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9
W	.0	3.6	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.4
WNW	.0	.3	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9
NW	.0	.3	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1
NNW	.0	.6	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1
CALM	.0	4.8													.0	.0	4.8
TOTAL	.2	22.6	.5	70.2	.0	5.1	.0	1.2	.0	.9	.0	.0	.0	.0	.0	.7	100
																	6.7

GSO GREENSBORO, NC

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: GSO GREENSBORO, NC

PERIOD: 1949-1978

CLASS 5 / NIGHT

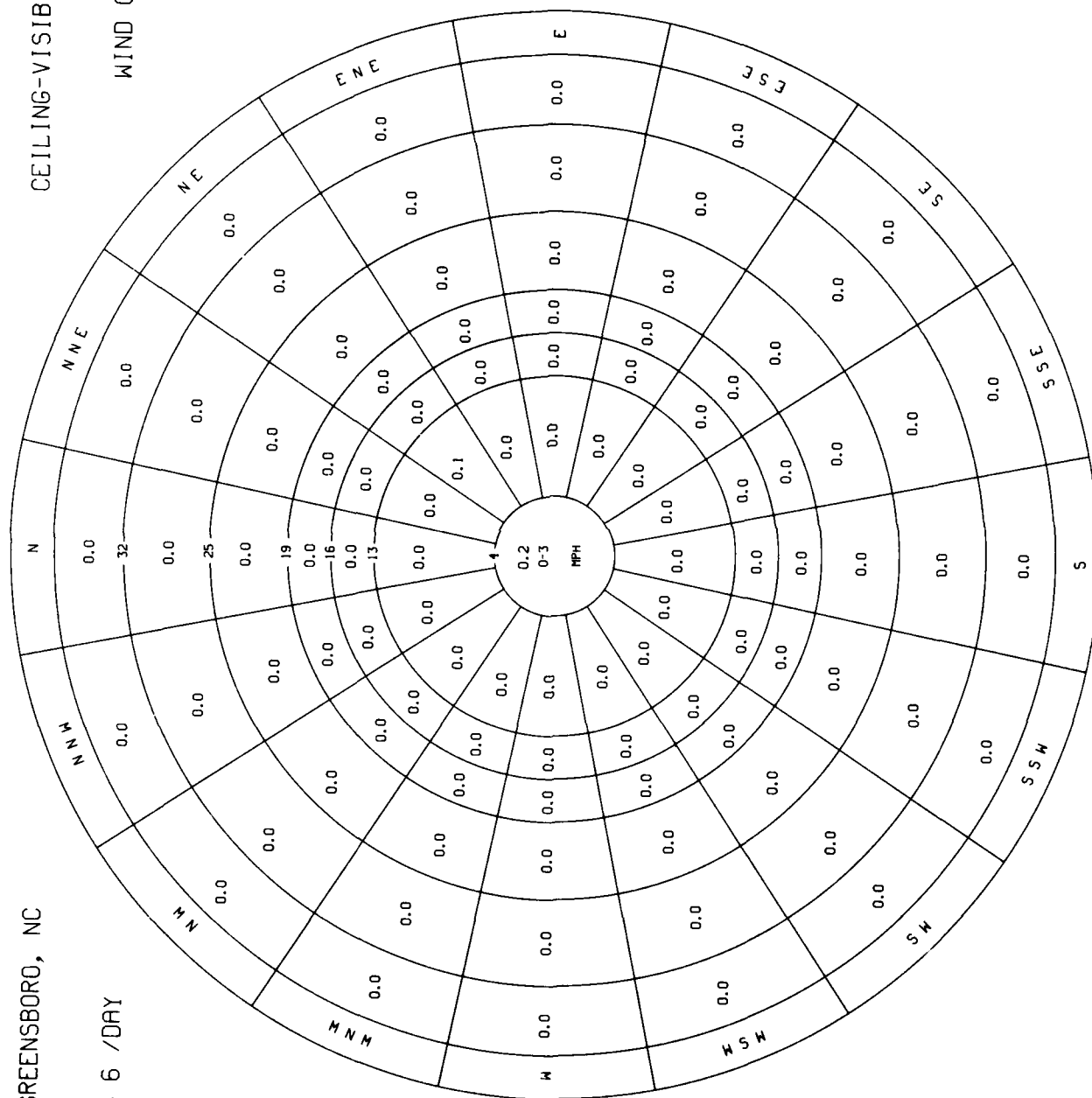
STATION NUMBER: 13723

NO. OBS.: 585

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D
N	.0	2.4	.1	3.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.3	5.1
NNE	.0	1.0	.1	9.2	.0	1.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	.2	11.8	8.1
NE	.0	1.0	.2	11.1	.0	.9	.0	.5	.0	.2	.0	.0	.0	.0	.0	.2	13.7	8.7
ENE	.0	1.7	.0	3.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.3	6.5
E	.0	.9	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	6.3
ESE	.0	.2	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	5.7
SE	.0	.3	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	6.2
SSE	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	7.7
S	.0	.7	.1	4.8	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.1	5.8	6.7
SSW	.0	1.0	.1	7.5	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	8.9	7.2
SW	.0	2.7	.1	9.2	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.2	12.3	6.6
WSW	.0	1.0	.1	5.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.5	6.8
W	.0	2.2	.1	4.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.7	5.4
WNW	.0	.3	.0	.9	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	5.6
NW	.0	1.9	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.6	4.4
NNW	.0	1.4	.0	1.7	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	3.2	5.4
CALM	.1	8.7														.1	8.7	
TOTAL	.4	27.5	1.0	67.9	.0	3.1	.0	1.4	.0	.2	.0	.0	.0	.0	.0	1.5	100	6.2

GSO GREENSBORO, NC

CLASS 6 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: GSO GREENSBORO, NC

NO. OBS.: 257

CLASS 6 / DAY

STATION NUMBER: 13723

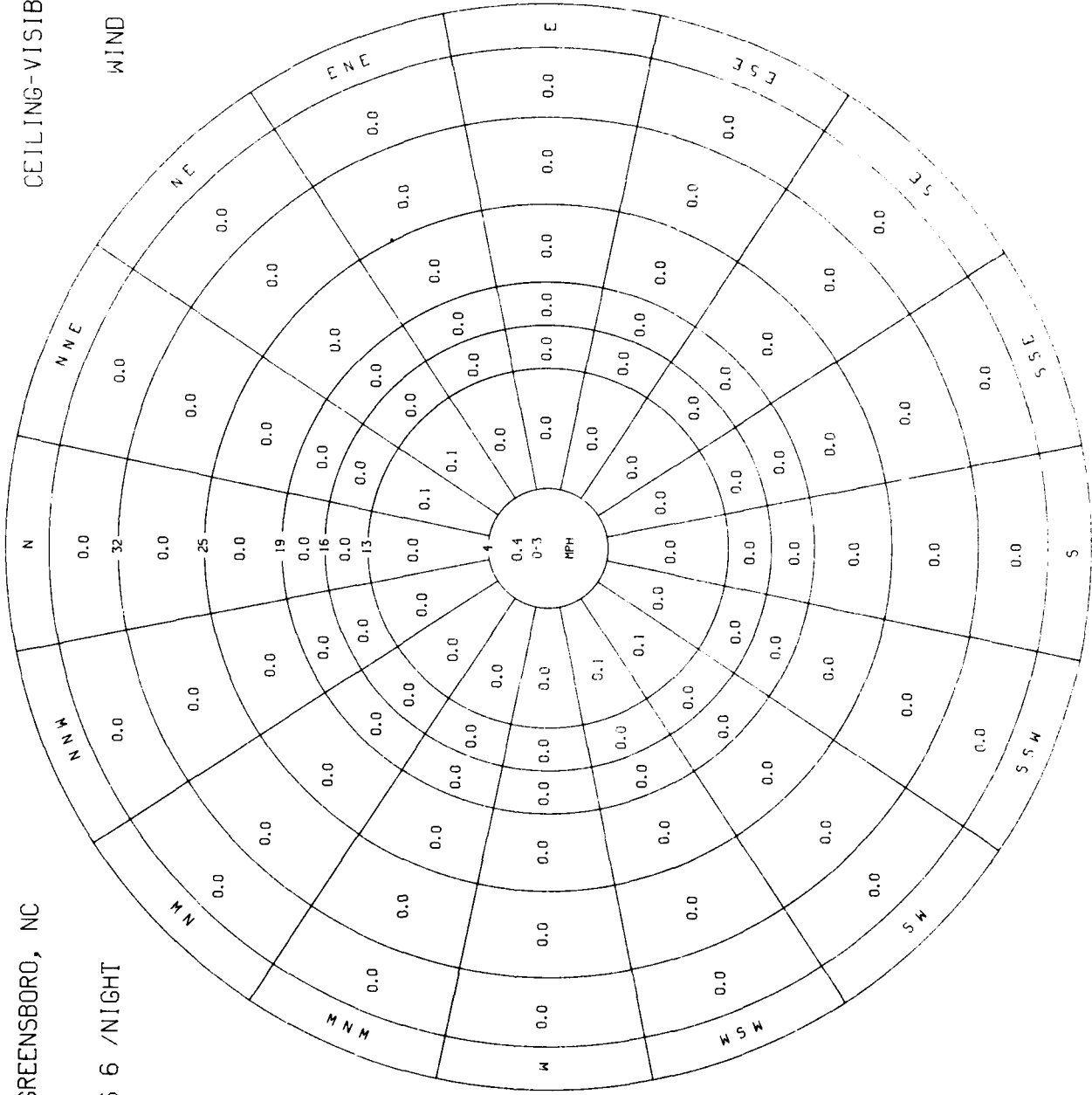
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
															C	D	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	3.1	.0	3.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.0	4.8
NNE	.0	1.9	.0	5.8	.0	.4	.0	.4	.0	.0	.0	.0	.0	.0	.0	8.6	6.5
NE	.0	3.1	.1	11.3	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.1	14.8	6.7
ENE	.0	1.6	.0	8.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	10.1	6.7
E	.0	1.9	.0	2.3	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7	5.8
ESE	.0	.4	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	6.3
SE	.0	.8	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	6.5
SSE	.0	.8	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	4.6
S	.0	1.6	.0	2.7	.0	.4	.0	.4	.0	.0	.0	.0	.0	.0	.0	5.1	6.2
SSW	.0	3.1	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.8	4.6
SW	.0	3.9	.0	4.7	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	8.9	5.7
WSW	.0	1.2	.0	5.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.0	5.7
W	.0	2.3	.0	3.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.8	4.6
WNW	.0	1.2	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	4.0
NW	.0	.4	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	5.3
NNW	.0	1.6	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	3.7
CALM	.1	11.7													.1	11.7	
TOTAL	.2	40.5	.3	56.8	.0	1.6	.0	1.2	.0	.0	.0	.0	.0	.0	.5	100	5.1

CEILING-VISIBILITY

WIND GRAPH

GSO GREENSBORO, NC

CLASS 6 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: GSO GREENSBORO, NC

CLASS 6 / NIGHT

NO. OBS.: 378

STATION NUMBER: 13723

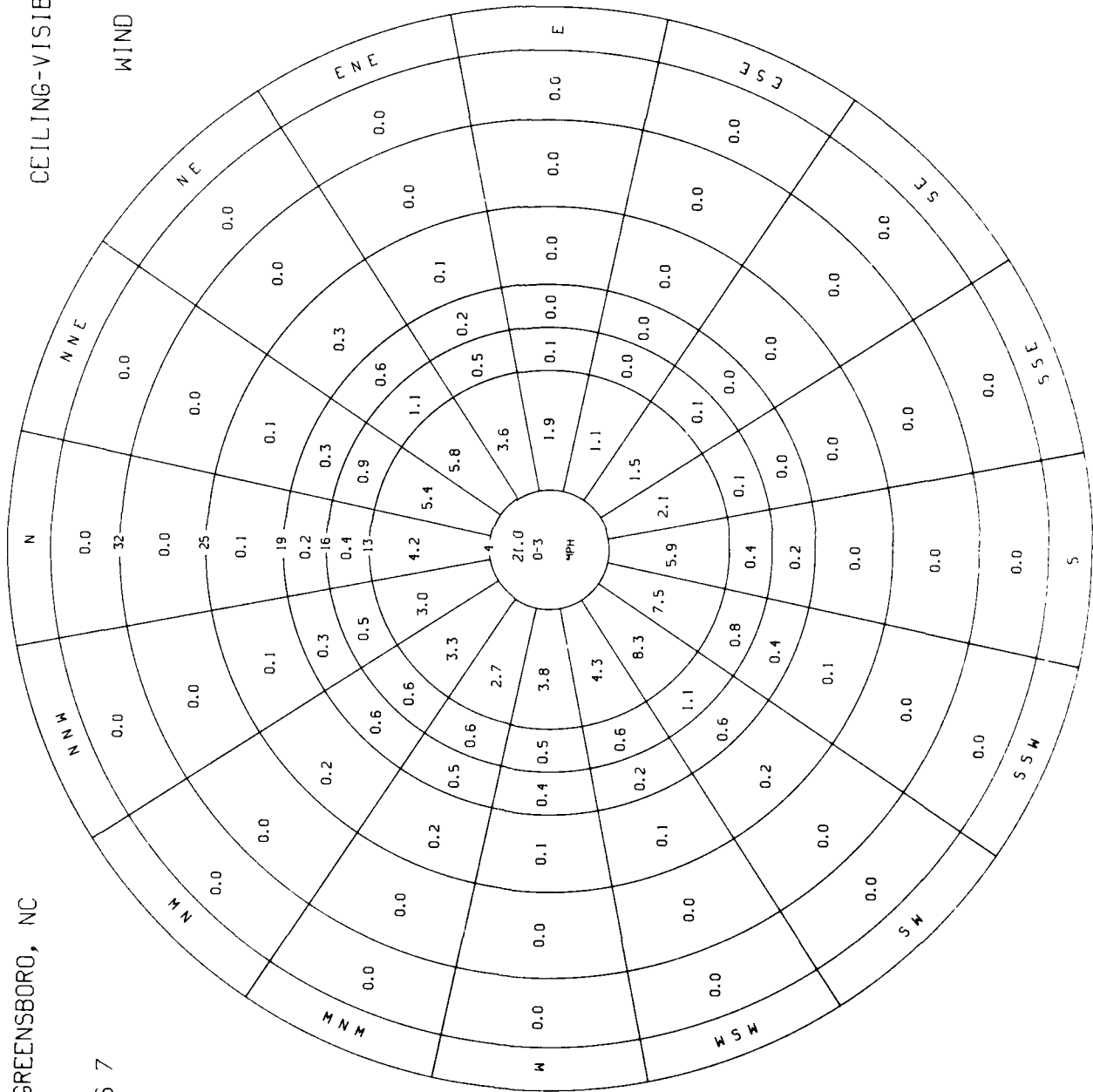
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C
N	.0	1.3	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	5.2
NNE	.0	2.6	.1	6.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.3	5.6
NE	.0	3.2	.1	6.9	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	10.3	6.7
ENE	.0	1.3	.0	3.2	.0	.3	.0	.3	.0	.3	.0	.0	.0	.0	.0	5.3	7.8
E	.0	1.1	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	5.3
ESE	.0	.5	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	4.8
SE	.0	.8	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	5.1
SSE	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	5.0
S	.0	2.1	.0	4.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.9	6.2
SSW	.0	2.6	.0	4.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.9	5.5
SW	.0	4.8	.1	12.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	17.2	5.7
WSW	.0	2.1	.1	7.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.8	5.4
W	.0	1.9	.0	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0	4.7
WNW	.0	1.1	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	4.3
NW	.0	2.1	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	3.5
NNW	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	2.5
CALM	.1	12.2													.1	12.2	
TOTAL	4	41.3	5	57.7	.0	.3	.0	.5	.0	.3	.0	.0	.0	.0	.0	9	100
																	4.9

GSO GREENSBORO, NC

CLASS 7

CEILING-VISIBILITY

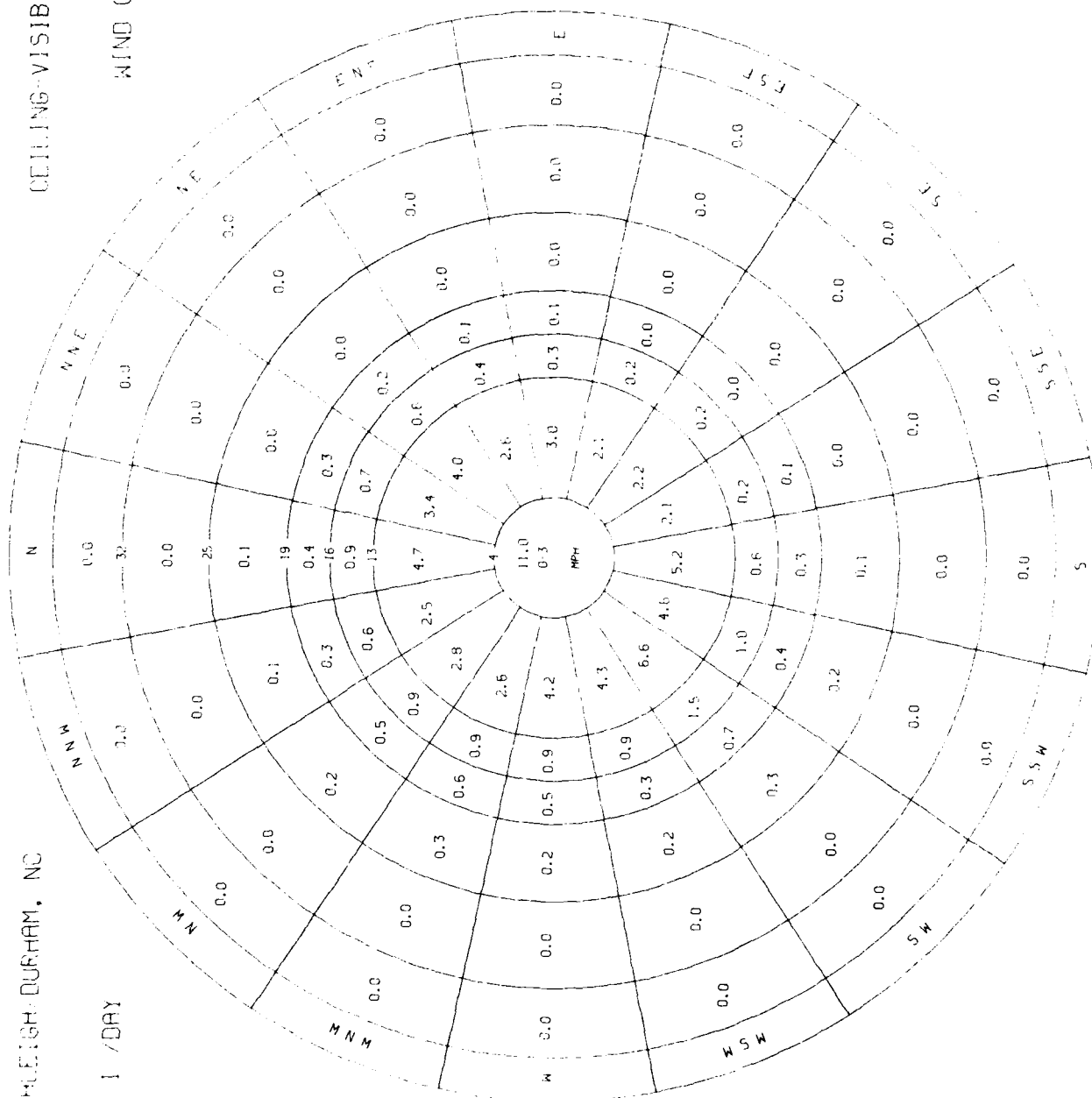
WIND GRAPH:



CEILING-VISIBILITY

CLASS 1 / DAY

WIND GRAPH



PRECEDING PAGE BLANK-NOT FILMED

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: ROU RALEIGH/DURHAM, NC

PERIOD: 1949-1978

CLASS 1 / DAY

STATION NUMBER: 13722

NO. OBS.: 41547

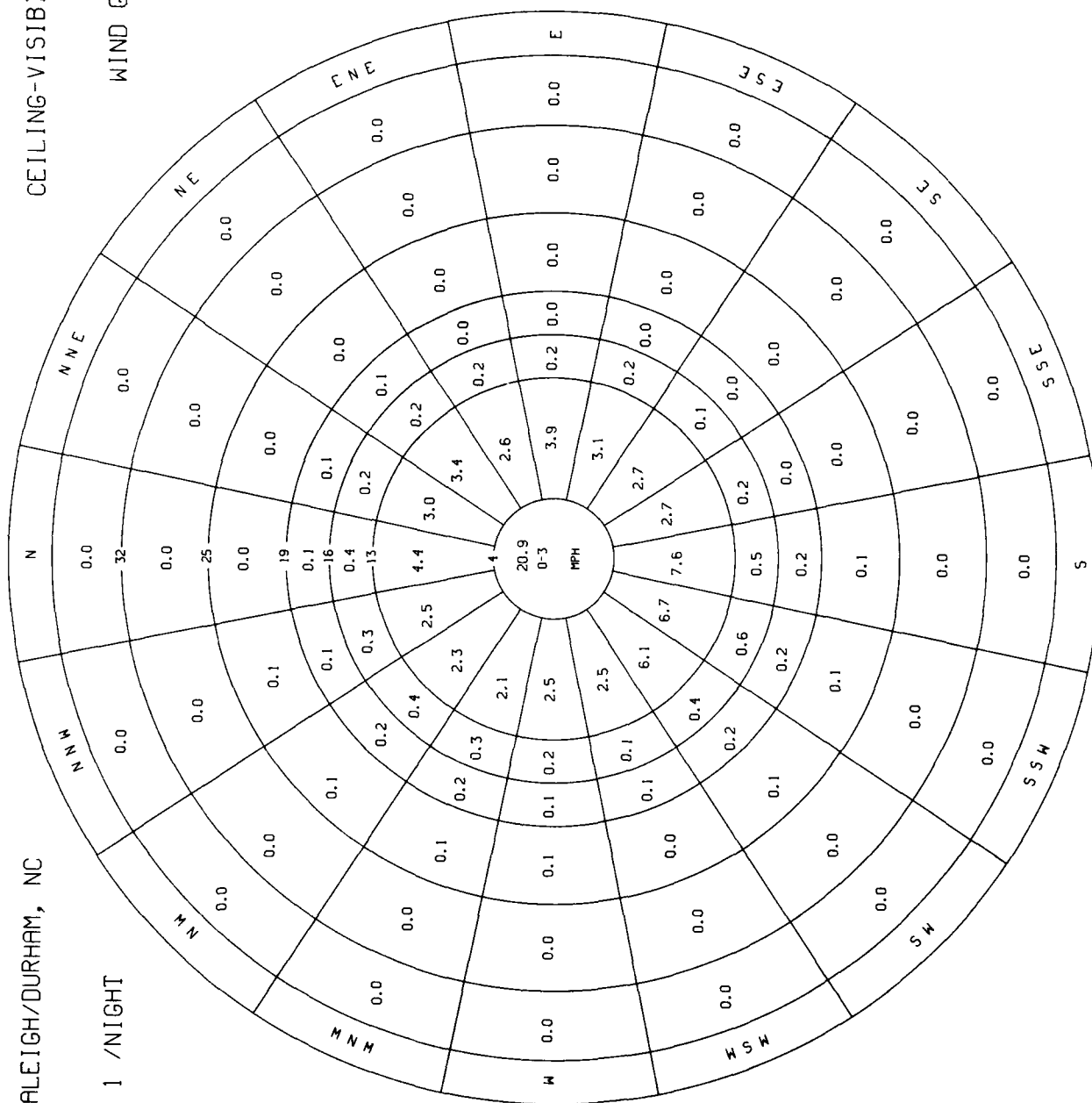
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.5	.6	4.7	5.5	.9	1.1	.4	.5	.1	.2	.0	.0	.0	.0	6.7	7.8	9.4
NNE	.3	.4	3.4	3.9	.7	.8	.3	.3	.0	.1	.0	.0	.0	.0	4.7	5.5	9.3
NNE	.5	.5	4.0	4.7	.6	.7	.2	.3	.0	.0	.0	.0	.0	.0	5.4	6.3	8.8
ENE	.2	.2	2.6	3.0	.4	.5	.1	.1	.0	.0	.0	.0	.0	.0	3.3	3.8	8.7
E	.3	.4	3.0	3.5	.3	.4	.1	.1	.0	.0	.0	.0	.0	.0	3.7	4.3	8.1
ESE	.2	.3	2.1	2.5	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	2.5	3.0	7.8
SE	.3	.3	2.2	2.5	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	2.7	3.1	7.7
SSE	.2	.3	2.1	2.5	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0	2.7	3.2	8.2
S	.1	.4	5.2	6.1	.6	.7	.3	.3	.1	.1	.0	.0	.0	.0	6.6	7.7	8.7
SSW	.3	.4	4.6	5.4	1.0	1.1	.4	.5	.2	.2	.0	.0	.0	.0	6.5	7.6	9.6
SW	.5	.6	6.6	7.6	1.5	1.8	.7	.9	.3	.4	.0	.1	.0	.0	9.7	11.3	10.1
WSW	.4	.4	4.3	5.0	.9	1.0	.3	.4	.2	.2	.0	.0	.0	.0	6.1	7.1	9.7
W	.5	.6	4.2	4.9	.9	1.1	.5	.6	.2	.3	.0	.0	.0	.0	6.4	7.5	9.9
WNW	.2	.3	2.6	3.0	.9	1.0	.6	.7	.3	.3	.0	.0	.0	.0	4.7	5.4	11.2
NW	.3	.4	2.8	3.3	.9	1.0	.5	.6	.2	.3	.0	.0	.0	.0	4.8	5.6	10.6
NNW	.3	.3	2.5	2.9	.6	.8	.3	.3	.1	.1	.0	.0	.0	.0	3.8	4.4	9.9
CALM	5.5	6.4													5.5	6.4	
TOTAL	11.0	12.8	56.9	66.3	10.7	12.7	5.0	5.8	1.9	2.2	.2	.3	.0	.0	85.9	100	8.8

CEILING-VISIBILITY

WIND GRAPH

RDU RALEIGH/DURHAM, NC

CLASS 1 / NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: RDU RALEIGH/DURHAM, NC

PERIOD: 1949-1978

CLASS 1 / NIGHT

STATION NUMBER: 13722

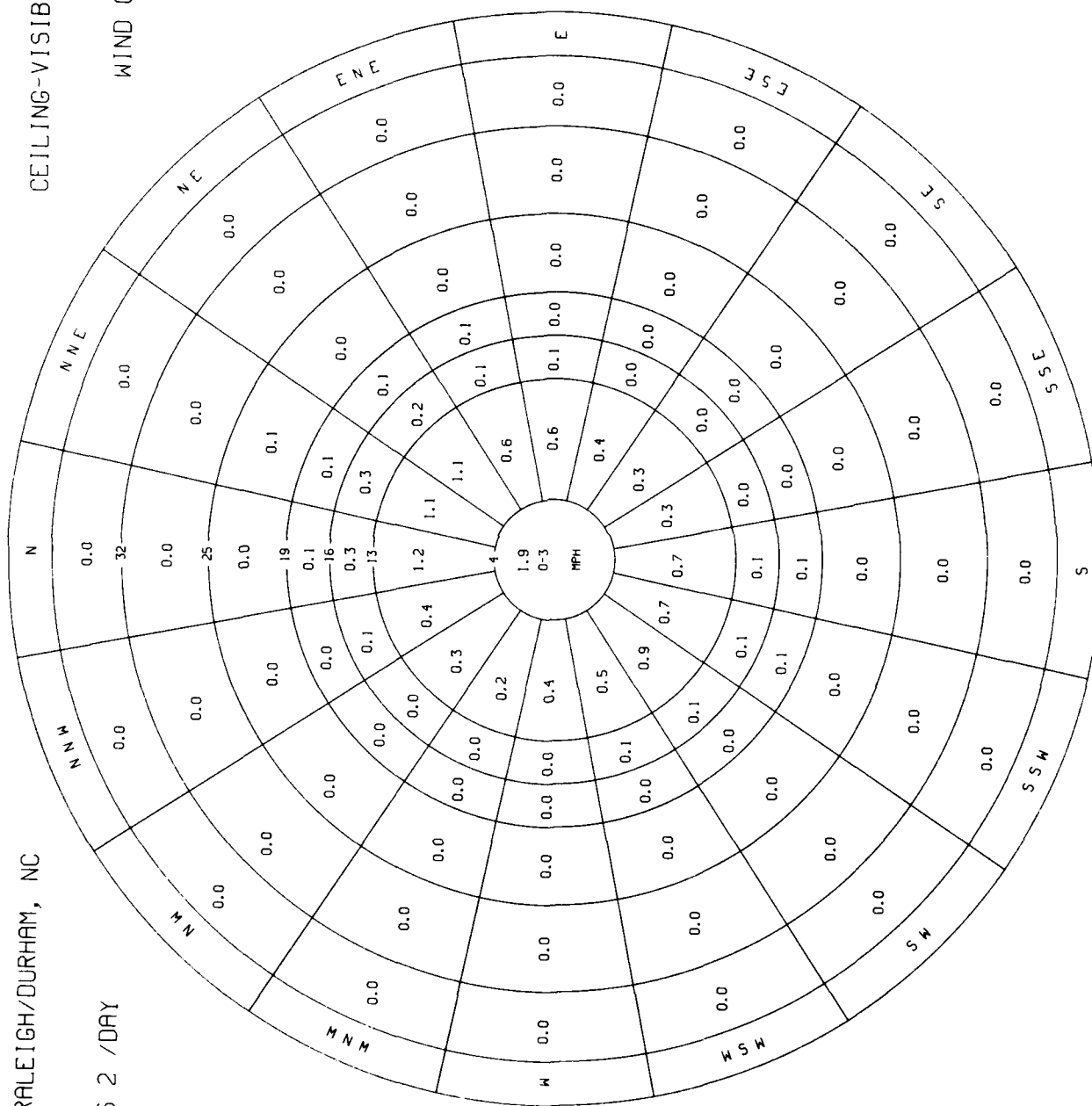
NO. OBS.: 33799

D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	.7	.8	4.4	5.1	.4	.4	.1	.2	.0	.0	.0	.0	.0	.0	5.7	6.6	7.6
NNE	.7	.8	3.0	3.5	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0	4.1	4.7	7.2
NE	.6	.7	3.4	4.0	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0	4.4	5.1	7.0
ENE	.4	.4	2.6	3.0	.2	.2	.0	.1	.0	.0	.0	.0	.0	.0	3.2	3.7	7.4
E	.6	.6	3.9	4.6	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	4.7	5.5	7.1
ESE	.5	.6	3.1	3.6	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	3.8	4.4	6.9
SE	.7	.8	2.7	3.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	3.5	4.1	6.6
SSE	.5	.6	2.7	3.1	.2	.2	.0	.1	.0	.0	.0	.0	.0	.0	3.4	3.9	7.2
S	.9	1.0	7.6	8.9	.5	.6	.2	.2	.1	.1	.0	.0	.0	.0	9.3	10.7	7.7
SSW	.7	.8	6.7	7.8	.6	.7	.2	.2	.1	.1	.0	.0	.0	.0	8.2	9.5	8.0
SW	.7	.9	6.1	7.0	.4	.5	.2	.2	.1	.1	.0	.0	.0	.0	7.5	8.7	7.7
WSW	.5	.6	2.5	2.9	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	3.2	3.7	7.1
W	.5	.6	2.5	2.9	.2	.3	.1	.1	.1	.1	.0	.0	.0	.0	3.5	4.1	7.8
WNW	.3	.3	2.1	2.4	.3	.4	.2	.2	.1	.1	.0	.0	.0	.0	2.9	3.4	9.1
NW	.4	.5	2.3	2.7	.4	.4	.2	.3	.1	.1	.0	.0	.0	.0	3.5	4.1	9.1
NNW	.4	.4	2.5	2.9	.3	.4	.1	.2	.1	.1	.0	.0	.0	.0	3.4	3.9	8.7
CALM	12.0	13.9													12.0	13.9	
TOTAL	20.9	24.3	58.2	67.5	4.5	5.3	1.8	2.1	.7	.8	.1	.1	.0	.0	86.2	100	6.6

CEILING-VISIBILITY

CLASS 2 /DAY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: RDU RALEIGH/DURHAM, NC

PERIOD: 1949-1978

CLASS 2 / DAY

STATION NUMBER: 13722

NO. OBS.: 6847

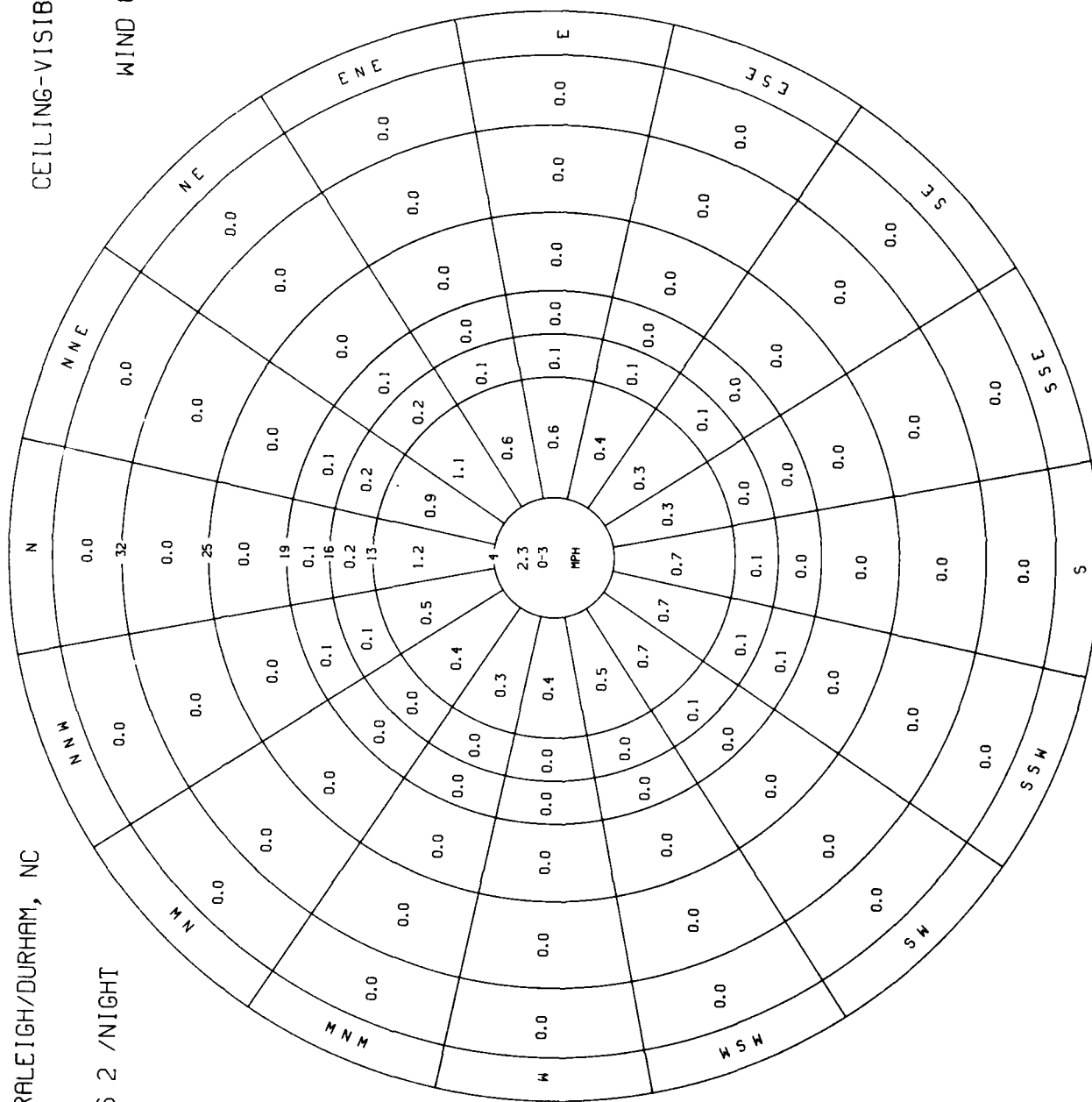
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.1	.6	1.2	8.2	.3	1.8	.1	.7	.0	.2	.0	.0	.0	.0	1.6 11.6
NNE	.1	.5	1.1	7.7	.3	1.8	.1	.7	.1	.4	.0	.0	.0	.0	1.6 11.2
NE	.1	.6	1.1	7.9	.2	1.3	.1	.5	.0	.1	.0	.0	.0	.0	1.5 10.5
ENE	.1	.5	.6	4.1	.1	.7	.1	.4	.0	.1	.0	.0	.0	.0	.8 5.8
E	.0	.2	.6	4.0	.1	.6	.0	.3	.0	.1	.0	.0	.0	.0	.7 5.2
ESE	.0	.2	.4	3.0	.0	.3	.0	.2	.0	.1	.0	.0	.0	.0	.5 3.8
SE	.0	.2	.3	2.3	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.4 3.0
SSE	.0	.1	.3	1.9	.0	.3	.0	.2	.0	.0	.0	.0	.0	.0	.4 2.7
S	.1	.4	.7	5.0	.1	.6	.1	.5	.0	.1	.0	.0	.0	.0	.9 6.6
SSW	.1	.4	.7	4.8	.1	.9	.1	.4	.0	.1	.0	.0	.0	.0	.9 6.6
SW	.1	.4	.9	6.3	.1	.9	.0	.2	.0	.1	.0	.0	.0	.0	1.1 8.0
WSW	.1	.4	.5	3.5	.1	.5	.0	.1	.0	.0	.0	.0	.0	.0	.6 4.5
W	.1	.5	.4	3.2	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.6 3.9
WNW	.0	.2	.2	1.4	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.3 2.0
NW	.0	.2	.3	2.2	.0	.2	.0	.2	.0	.1	.0	.0	.0	.0	.4 3.0
NNW	.0	.3	.4	3.0	.1	.6	.0	.2	.0	.0	.0	.1	.0	.0	.6 4.2
CALM	1.0	7.2													1.0 7.2
TOTAL	1.9	13.2	9.7	68.7	1.6	11.1	.7	4.9	.2	1.7	.0	.3	.0	.0	14.1 100
															8.6

RDU RALEIGH/DURHAM, NC

CLASS 2 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: RDU RALEIGH/DURHAM, NC

PERIOD: 1949-1978

CLASS 2 / NIGHT

STATION NUMBER: 13722

NO. OBS.: 5405

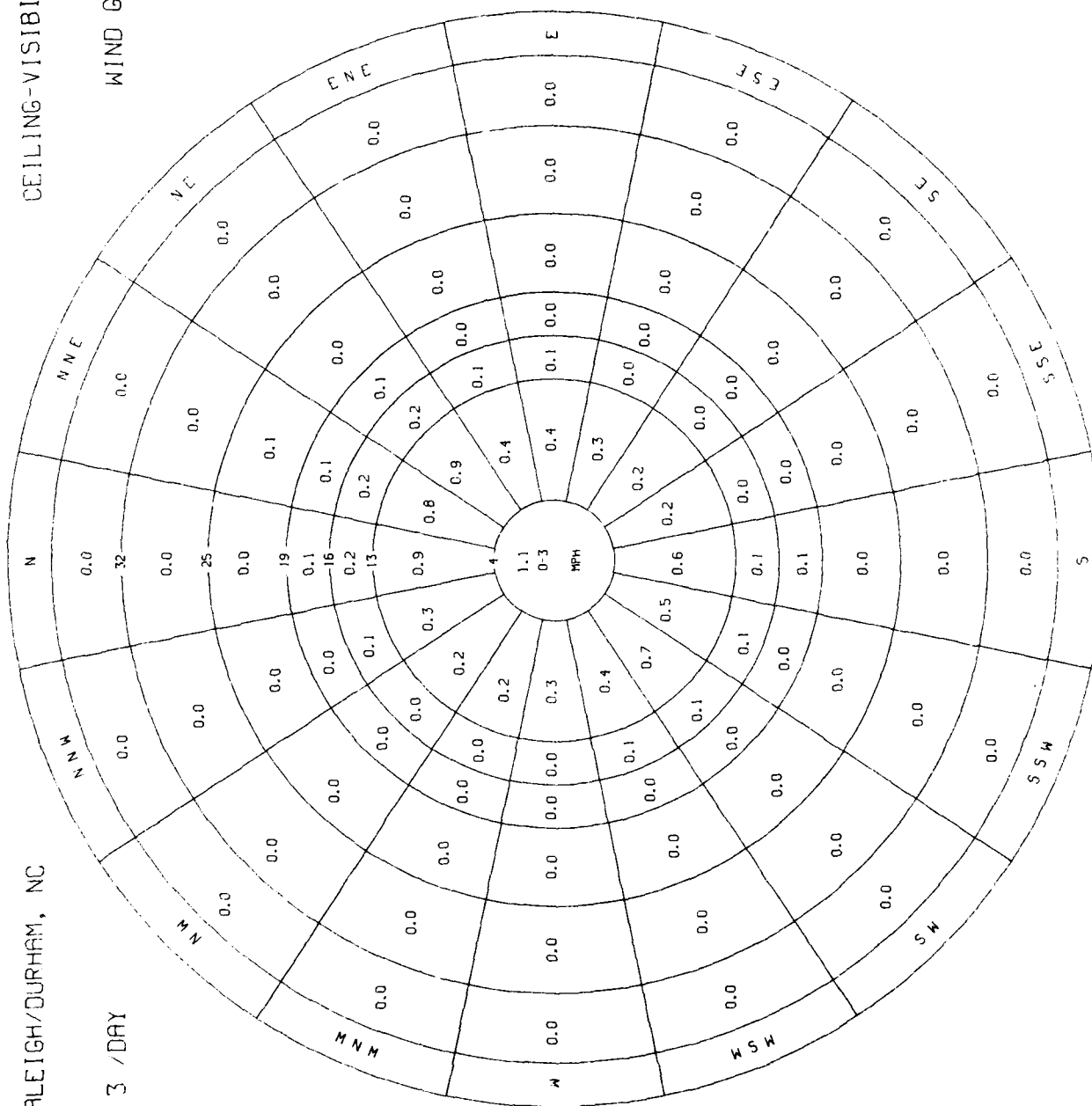
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.1	.8	1.2	8.8	.2	1.4	.1	.8	.0	.3	.0	.0	.0	.0	1.7 12.2
NNE	.1	.7	.9	6.7	.2	1.3	.1	.5	.0	.3	.0	.0	.0	.0	1.3 9.5
NE	.1	.9	1.1	7.8	.2	1.2	.1	.6	.0	.1	.0	.0	.0	.0	1.5 10.7
ENE	.0	.3	.6	4.2	.1	.6	.0	.3	.0	.1	.0	.0	.0	.0	.8 5.5
E	.0	.4	.6	4.0	.1	.5	.0	.1	.0	.0	.0	.0	.0	.0	.7 5.1
ESE	.0	.3	.4	2.9	.1	.4	.0	.1	.0	.1	.0	.0	.0	.0	.5 3.8
SE	.1	.4	.3	2.2	.1	.4	.0	.2	.0	.0	.0	.0	.0	.0	.4 3.2
SSE	.0	.2	.3	2.2	.0	.3	.0	.1	.0	.1	.0	.0	.0	.0	.4 3.0
S	.1	.5	.7	5.4	.1	.7	.0	.3	.0	.1	.0	.0	.0	.0	1.0 7.1
SSW	.0	.3	.7	4.7	.1	.6	.1	.4	.0	.1	.0	.0	.0	.0	.8 6.1
SW	.1	.4	.7	4.8	.1	.6	.0	.2	.0	.1	.0	.0	.0	.0	.9 6.2
WSW	.0	.4	.5	3.5	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.6 4.2
W	.1	.5	.4	2.6	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.5 3.4
WNW	.0	.3	.3	2.0	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.4 2.6
NW	.0	.3	.4	2.8	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.5 3.3
NNW	.0	.3	.5	3.4	.1	.5	.1	.4	.0	.1	.0	.0	.0	.0	.7 4.8
CALM	1.3	9.5													1.3 9.5
TOTAL	2.3	16.4	9.4	68.1	1.3	9.3	.6	4.5	.2	1.6	.0	.2	.0	.0	13.8 100
															8.0

CEILING-VISIBILITY

WIND GRAPH

RDU RALEIGH/DURHAM, NC

CLASS 3 / DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: RDU RALEIGH/DURHAM, NC

PERIOD: 1949-1978

CLASS 3 / DAY

STATION NUMBER: 13722

NO. OBS.: 5241

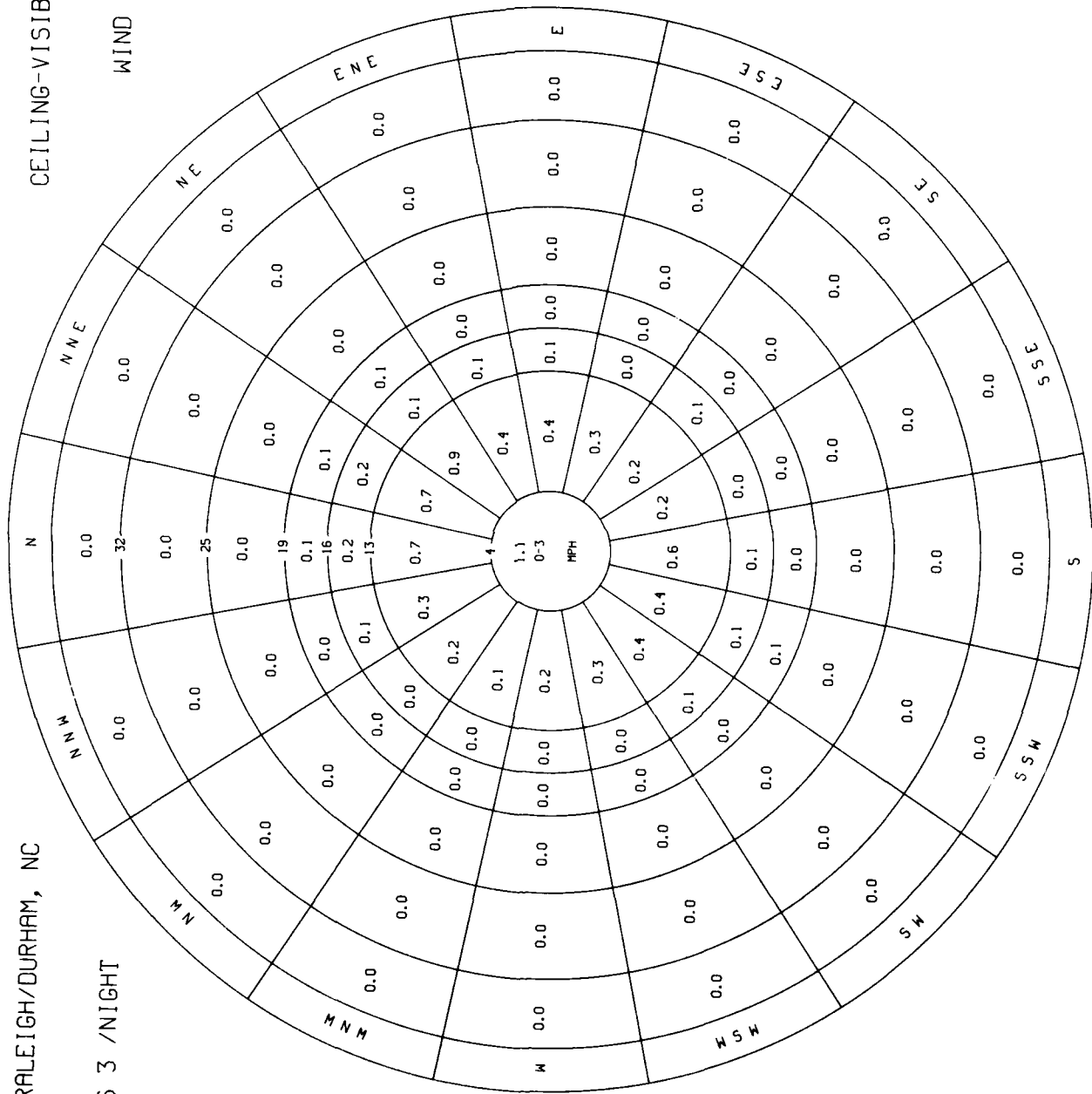
D : R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	.1	.5	.9	7.9	.2	2.0	.1	.9	.0	.3	.0	.0	.0	.0	1.3	11.6	10.3
NNE	.0	.4	.8	7.7	.2	2.2	.1	.9	.1	.5	.0	.1	.0	.0	1.3	11.7	10.6
NE	.1	.6	.9	8.4	.2	1.5	.1	.6	.0	.1	.0	.0	.0	.0	1.2	11.3	9.6
ENE	.0	.4	.4	4.1	.1	.7	.0	.4	.0	.1	.0	.0	.0	.0	.6	5.8	9.3
E	.0	.2	.4	3.9	.1	.6	.0	.3	.0	.1	.0	.1	.0	.0	.6	5.2	9.7
ESE	.0	.2	.3	2.8	.0	.3	.0	.2	.0	.1	.0	.0	.0	.0	.4	3.7	9.0
SE	.0	.2	.2	2.3	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.3	2.9	9.1
SSE	.0	.1	.2	1.9	.0	.4	.0	.3	.0	.0	.0	.0	.0	.0	.3	2.7	9.9
S	.0	.3	.6	5.2	.1	.8	.1	.6	.0	.2	.0	.0	.0	.0	.8	7.0	9.5
SSW	.0	.4	.5	4.9	.1	1.1	.0	.4	.0	.2	.0	.0	.0	.0	.8	7.0	9.6
SW	.0	.3	.7	6.2	.1	1.1	.0	.2	.0	.2	.0	.1	.0	.0	.9	8.1	9.5
WSW	.0	.3	.4	3.7	.1	.5	.0	.2	.0	.0	.0	.0	.0	.0	.5	4.7	8.9
W	.0	.5	.3	3.0	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.4	3.8	7.8
WNW	.0	.2	.2	1.5	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.2	2.0	8.4
NW	.0	.2	.2	2.0	.0	.2	.0	.3	.0	.1	.0	.0	.0	.0	.3	2.8	9.2
NNW	.0	.2	.3	2.9	.1	.6	.0	.2	.0	.1	.0	.1	.0	.0	.4	4.0	9.8
CALM	.6	5.5													.6	5.5	
TOTAL	1.1	10.4	7.4	68.5	1.4	12.8	.6	5.8	.2	2.0	.0	.4	.0	.0	10.8	100	9.1

ROU RALEIGH/DURHAM, NC

CLASS 3 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: RDU RALEIGH/DURHAM, NC

PERIOD: 1949-1978

CLASS 3 / NIGHT

STATION NUMBER: 13722

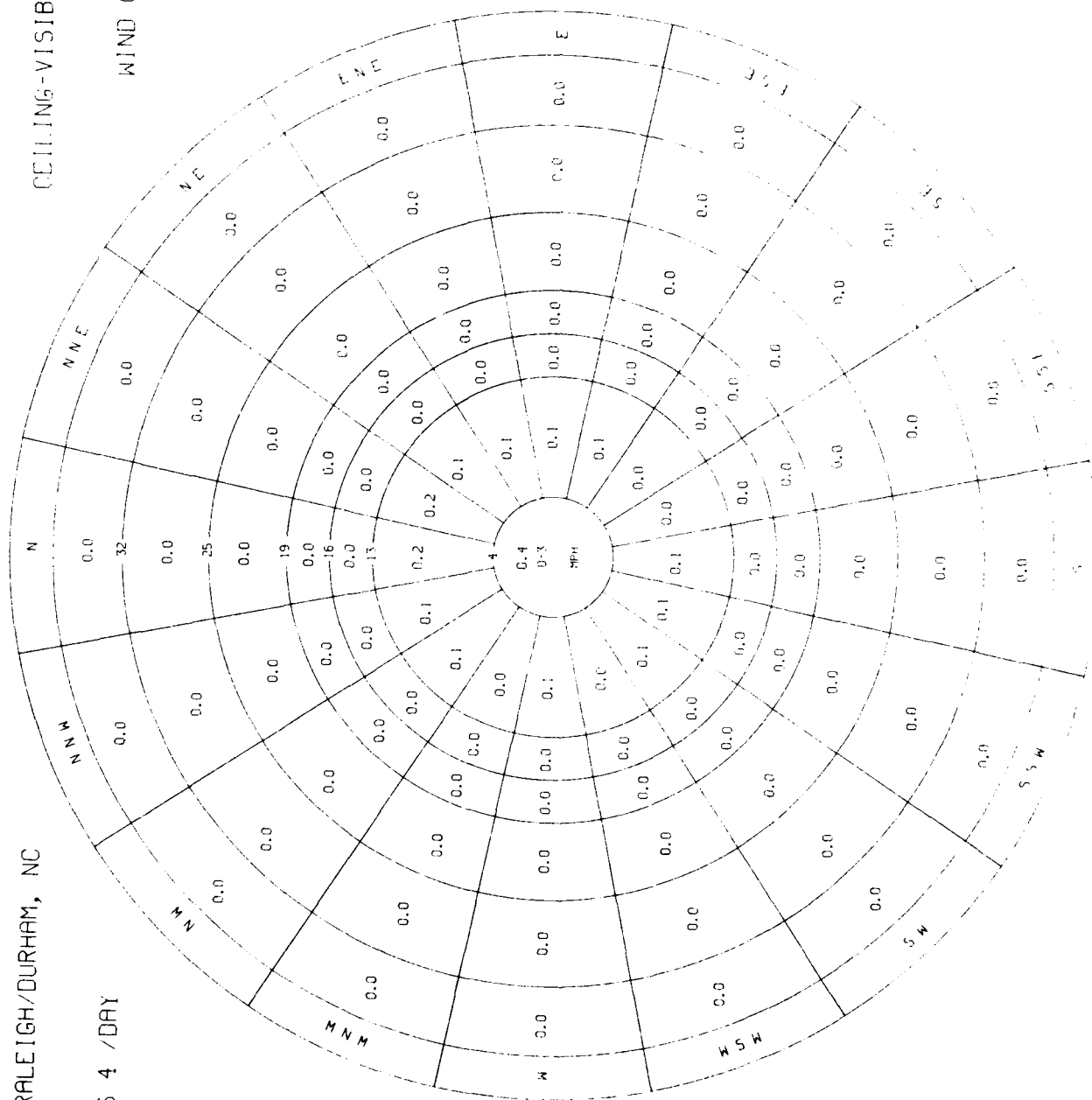
NO. OBS.: 3635

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	.5	.7	7.9	.2	1.7	.1	1.1	.0	.4	.0	.0	.0	.0	1.1	11.7	10.6
NNE	.1	.6	.7	7.0	.2	1.6	.1	.7	.0	.4	.0	.0	.0	.0	1.0	10.3	10.1
NE	.1	.9	.9	9.2	.1	1.6	.1	.9	.0	.2	.0	.0	.0	.0	1.2	12.7	9.3
ENE	.0	.2	.4	4.6	.1	.8	.0	.4	.0	.1	.0	.0	.0	.0	.6	6.2	9.4
E	.0	.3	.4	4.2	.1	.7	.0	.2	.0	.0	.0	.0	.0	.0	.5	5.4	9.0
ESE	.0	.2	.3	2.8	.0	.4	.0	.2	.0	.1	.0	.0	.0	.0	.4	3.8	9.2
SE	.0	.4	.2	2.1	.1	.6	.0	.2	.0	.0	.0	.0	.0	.0	.3	3.3	9.1
SSE	.0	.2	.2	2.3	.0	.4	.0	.2	.0	.1	.0	.1	.0	.0	.3	3.2	10.0
S	.0	.5	.6	6.3	.1	1.0	.0	.5	.0	.2	.0	.0	.0	.0	.8	8.5	9.3
SSW	.0	.3	.4	4.6	.1	.8	.1	.6	.0	.1	.0	.1	.0	.0	.6	6.4	9.7
SW	.0	.4	.4	4.7	.1	.8	.0	.3	.0	.1	.0	.0	.0	.0	.6	6.2	9.3
WSW	.0	.3	.3	3.0	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.4	3.8	8.4
W	.0	.3	.2	1.9	.0	.2	.0	.2	.0	.1	.0	.0	.0	.0	.2	2.6	8.3
WNW	.0	.2	.1	1.5	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.2	2.1	8.7
NW	.0	.2	.2	2.5	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.3	3.0	8.6
NNW	.0	.1	.3	2.9	.1	.6	.0	.5	.0	.2	.0	.0	.0	.0	.4	4.3	10.5
CALM	.6	6.4													.6	6.4	
TOTAL	1.1	12.0	6.3	67.5	1.1	12.1	.6	6.1	.2	2.1	.0	.2	.0	.0	9.3	100	8.9

CELLING-VISIBILITY

CLASS 4 / DAY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: RCU RALEIGH/DURHAM, NC

PERIOD: 1949-1978

CLASS 4 / DAY

STATION NUMBER: 13722

NO. OBS.: 1012

D I P	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			
N	.0	.9	.2	9.5	.0	1.1	.0	.3	.0	.2	.0	.0	.0	.0	.3	12.0	8.7
NNE	.0	1.2	.2	8.5	.0	1.0	.0	.3	.0	.1	.0	.0	.0	.0	.2	11.1	8.2
NE	.0	.4	.1	7.0	.0	.6	.0	.2	.0	.1	.0	.0	.0	.0	.2	8.3	8.4
ENE	.0	.8	.1	4.9	.0	.5	.0	.3	.0	.0	.0	.0	.0	.0	.1	6.5	8.2
E	.3	.2	.1	4.6	.0	.7	.0	.2	.0	.1	.0	.0	.0	.0	.1	5.9	8.7
ESE	.0	.4	.1	3.4	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.1	4.2	8.2
SE	.0	.3	.0	2.4	.0	.0	.0	.2	.0	.1	.0	.0	.0	.0	.1	2.9	8.2
SSE	.0	.1	.0	1.9	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	2.4	8.3
S	.0	.6	.1	5.2	.0	.1	.0	.2	.0	.1	.0	.0	.0	.0	.1	6.2	8.1
SSW	.0	.3	.1	4.8	.0	.4	.0	.2	.0	.1	.0	.0	.0	.0	.1	5.8	8.1
SW	.0	.4	.1	6.5	.0	.2	.0	.3	.0	.0	.0	.0	.0	.0	.2	7.4	8.0
WSW	.0	.5	.0	2.3	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.1	3.1	7.6
W	.0	.4	.1	3.2	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.1	4.2	7.8
WNW	.0	.3	.0	1.2	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.0	1.9	9.4
NW	.0	.4	.1	2.8	.0	.4	.0	.0	.0	.1	.0	.0	.0	.0	.1	3.7	8.3
NNW	.0	.3	.1	4.1	.0	.5	.0	.1	.0	.0	.0	.0	.0	.0	.1	5.8	8.8
CALM	.2	6.7													.2	8.7	
TOTAL	4.16	7.7	1.0	72.5	1.1	7.0	1.1	2.6	.0	1.0	.0	.1	.0	.0	2.1	100	

AD-A108 159

NATIONAL CLIMATIC CENTER ASHEVILLE NC

F/G 4/2

WIND - CEILING - VISIBILITY DATA AT SELECTED AIRPORTS. VOLUME I--ETC(U)
JUN 81 DOT-FA79WAI-057

JUN 81

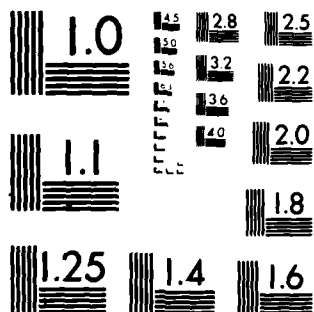
DOT-FA79WAI-057

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3 1/2 5

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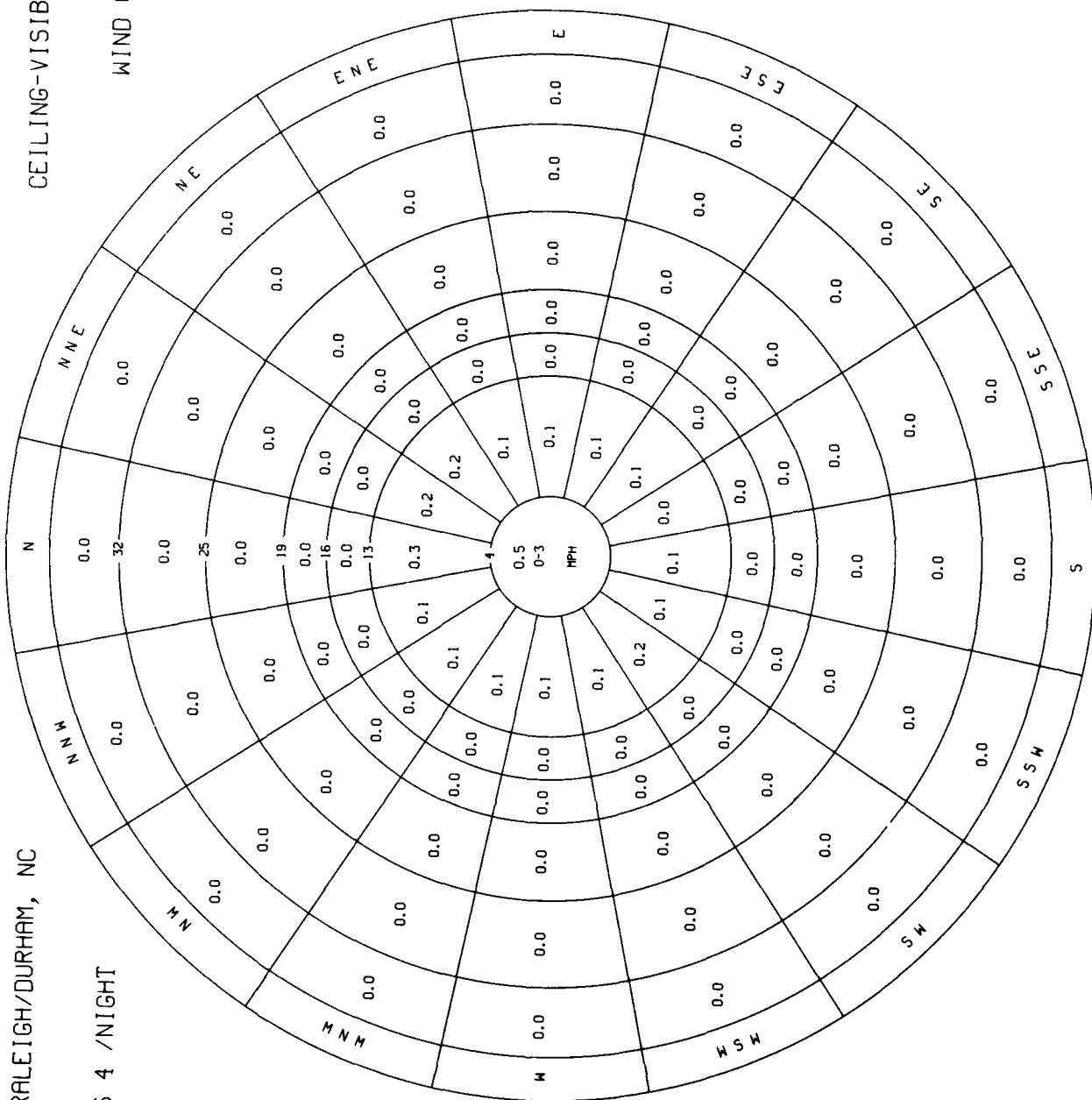
MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS 1963 A

RDU RALEIGH/DURHAM, NC

CLASS 4 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: RDU RALEIGH/DURHAM, NC

PERIOD: 1949-1978

CLASS 4 / NIGHT

STATION NUMBER: 13722

NO. OBS.: 1063

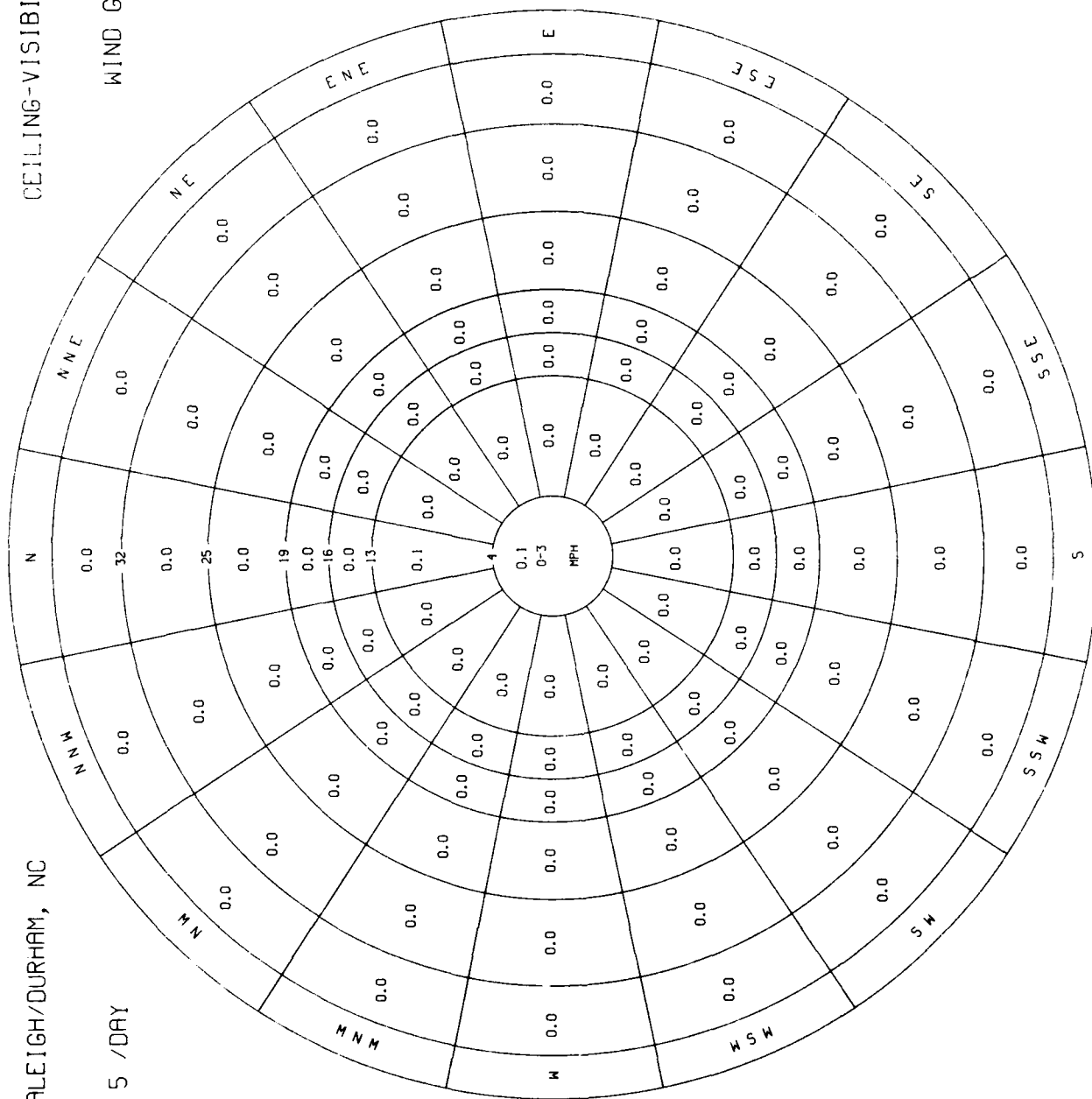
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	1.1	.3	11.3	.0	1.2	.0	.2	.0	.1	.0	.0	.0	.0	.4 13.9
NNE	.0	.9	.2	7.2	.0	.9	.0	.2	.0	.0	.0	.0	.0	.0	.3 9.3
NE	.0	.8	.2	6.3	.0	.6	.0	.1	.0	.0	.0	.0	.0	.0	.2 7.7
ENE	.0	.3	.1	4.1	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.1 4.8
E	.0	.3	.1	4.0	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.1 4.7
ESE	.0	.1	.1	2.9	.0	.5	.0	.1	.0	.0	.0	.0	.0	.0	.1 3.6
SE	.0	.2	.1	2.0	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.1 2.4
SSE	.0	.2	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.7
S	.0	.4	.1	3.9	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1 4.5
SSW	.0	.2	.1	4.3	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.1 4.8
SW	.0	.7	.2	5.7	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.2 6.8
WSW	.0	.4	.1	5.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2 5.6
W	.0	.8	.1	3.4	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1 4.3
WNW	.0	.6	.1	3.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1 4.0
NW	.0	.8	.1	4.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.1 4.9
NNW	.0	.6	.1	4.7	.0	.6	.0	.5	.0	.0	.0	.0	.0	.0	.2 6.3
CALM	.3	10.6													.3 10.6
TOTAL	.5	18.8	2.0	73.8	.1	5.4	.0	1.6	.0	.4	.0	.0	.0	.0	2.7 100

CEILING-VISIBILITY

WIND GRAPH

RDU RALEIGH/DURHAM, NC

CLASS 5 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: RDU RALEIGH/DURHAM, NC

PERIOD: 1949-1978

CLASS 5 / DAY

STATION NUMBER: 13722

NO. OBS.: 262

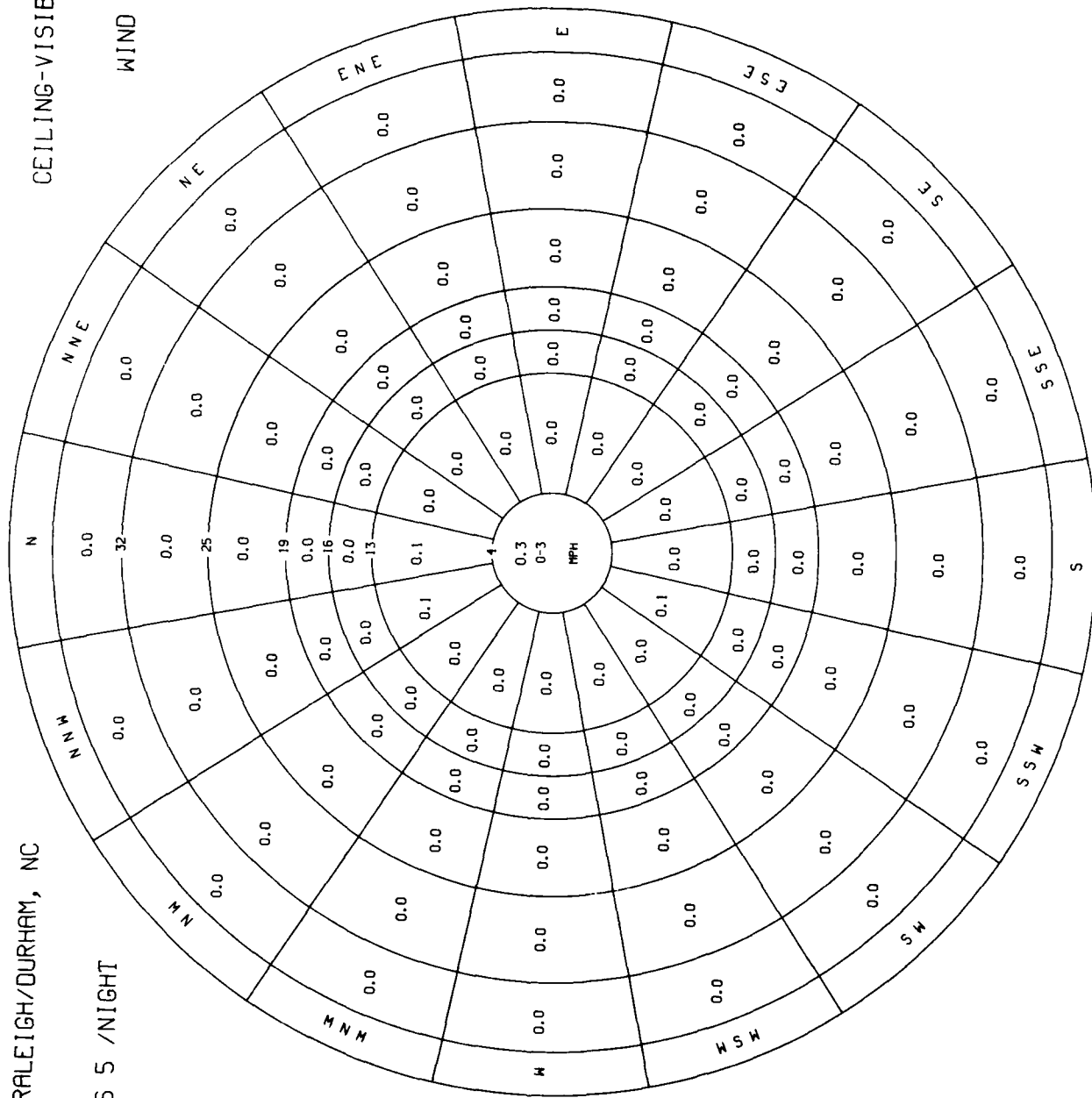
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D
N	.0	1.1	.1	10.7	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	13.0	8.0
NNE	.0	.8	.0	6.9	.0	.4	.0	.4	.0	.4	.0	.0	.0	.0	.0	.0	8.8	8.7
NE	.0	.8	.0	6.1	.0	.4	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	7.6	7.3
ENE	.0	1.1	.0	2.7	.0	.4	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	4.6	7.6
E	.0	.8	.0	5.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	6.1	7.7
ESE	.0	.0	.0	3.4	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	8.1
SE	.0	.8	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	6.6
SSE	.0	.8	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	6.9
S	.0	.8	.0	1.9	.0	.4	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	3.8	5.7
SSW	.0	.4	.0	7.6	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	8.6
SW	.0	.8	.0	5.3	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	9.5	7.4
WSW	.0	.4	.0	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.1	7.6
W	.0	.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	6.7
WNW	.0	.4	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	6.2
NW	.0	.8	.0	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	6.3
NNW	.0	.0	.0	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	8.1
CALM	.1	13.0														.1	13.0	
TOTAL	.1	22.5	.4	70.2	.0	5.0	.0	1.5	.0	.8	.0	.0	.0	.0	.0	.5	100	6.6

RDU RALEIGH/DURHAM, NC

CLASS 5 / NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: RDU RALEIGH/DURHAM, NC

PERIOD: 1949-1978

CLASS 5 / NIGHT

STATION NUMBER: 13722

NO. OBS.: 389

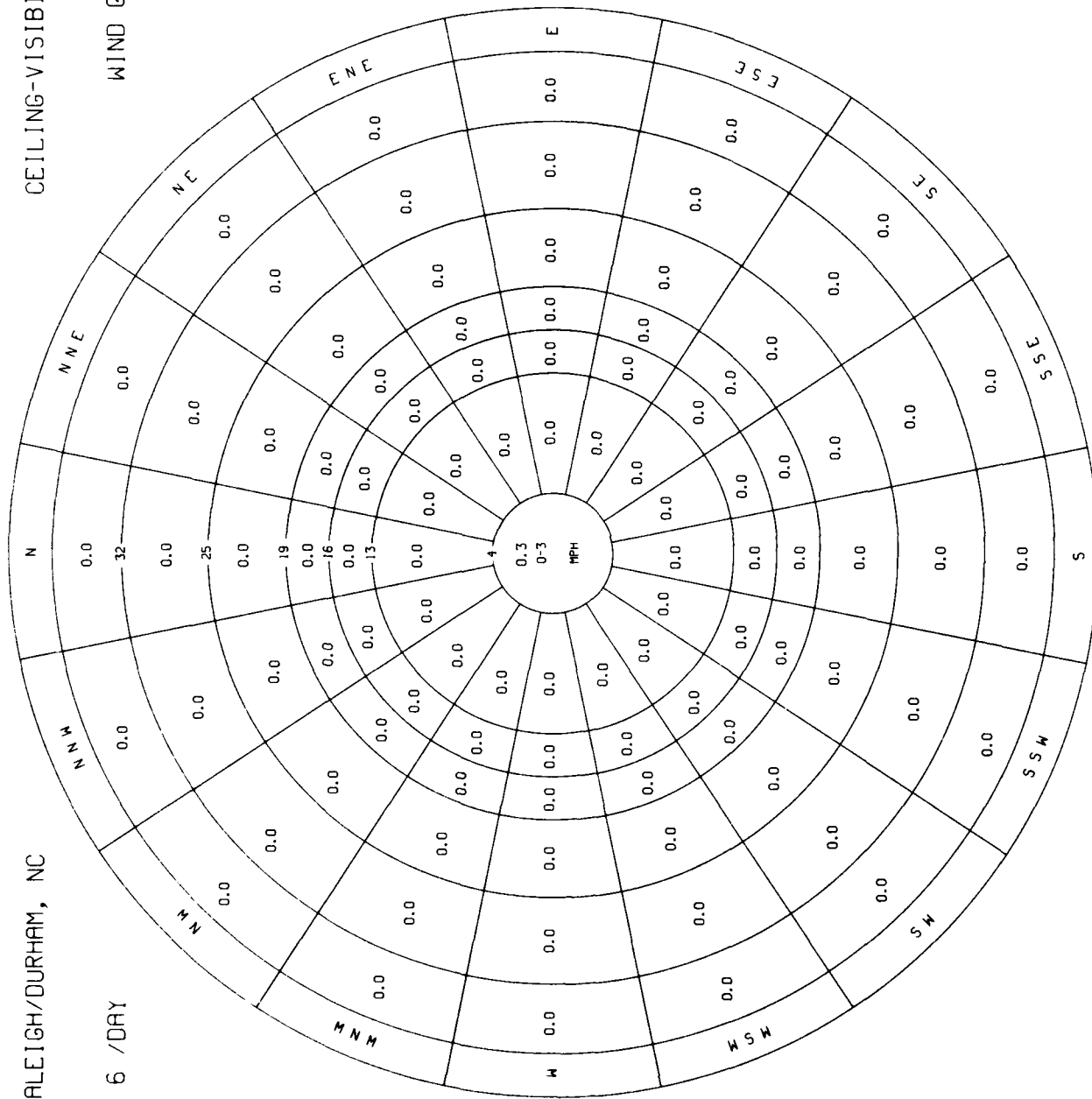
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	1.3	.1	10.8	.0	.5	.0	.3	.0	.0	.0	.0	.0	.0	.1 12.9
NNE	.0	1.3	.0	4.9	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.1 6.4
NE	.0	1.0	.0	4.4	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.1 5.7
ENE	.0	.5	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.1
E	.0	.5	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.6
ESE	.0	.3	.0	3.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 4.1
SE	.0	.3	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.6
SSE	.0	.5	.0	3.3	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0 4.1
S	.0	.8	.0	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.6
SSW	.0	.5	.1	5.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 5.9
SW	.0	.5	.0	4.4	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.1 5.7
WSW	.0	.8	.0	3.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 4.6
W	.0	.5	.0	4.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 4.9
WNW	.0	.5	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.6
NW	.0	.0	.0	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.8
NNW	.0	.8	.1	5.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 5.9
CALM	.2	20.6													.2 20.6
TOTAL	.3	30.6	.7	67.1	.0	1.3	.0	.3	.0	.8	.0	.0	.0	.0	1.0 100
															5.5

RDU RALEIGH/DURHAM, NC

CLASS 6 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: RDU RALEIGH/DURHAM, NC

PERIOD: 1949-1978

CLASS 6 / DAY

STATION NUMBER: 13722

NO. OBS.: 326

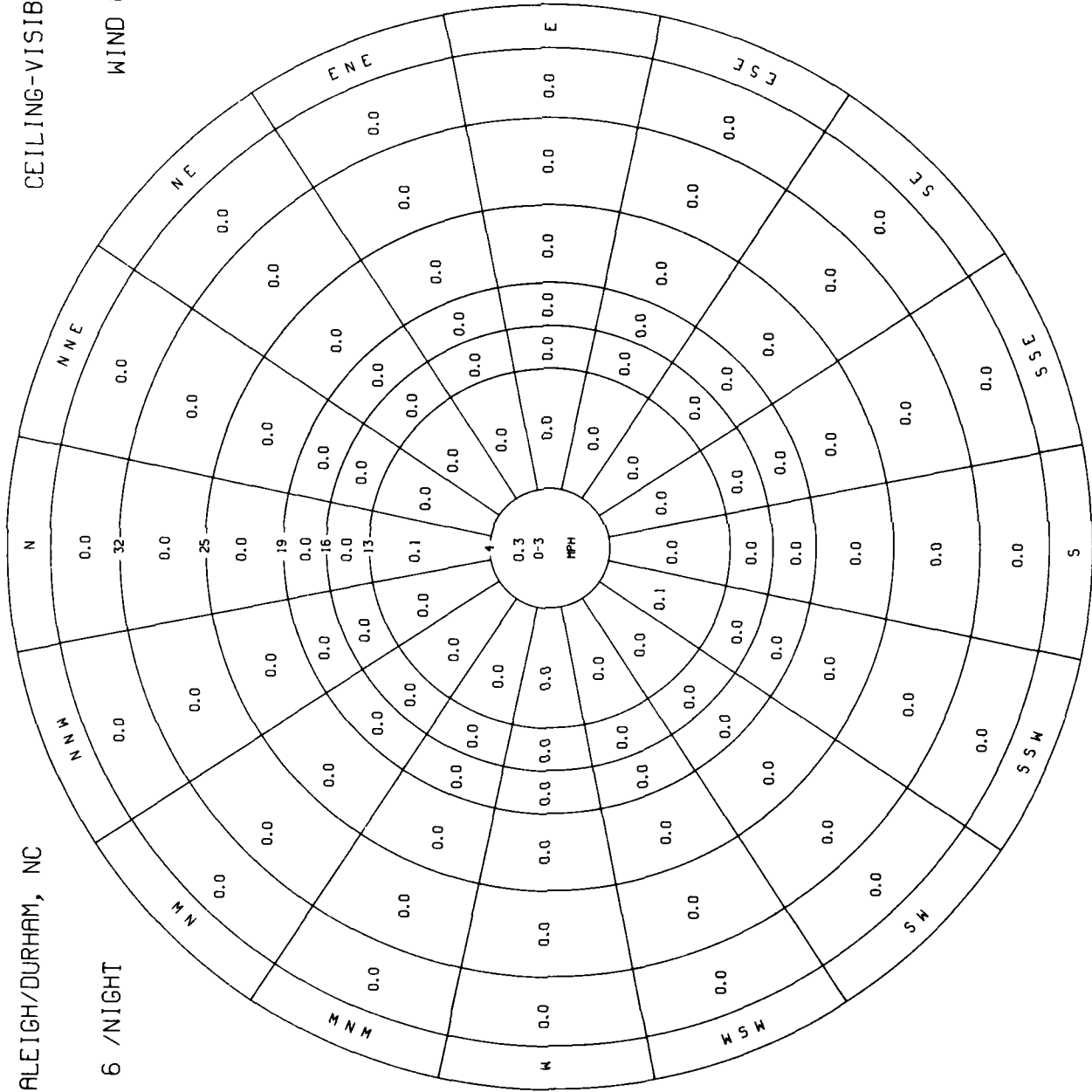
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	2.1	.0	7.4	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1	9.8	6.3
NNE	.0	.3	.0	5.5	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	6.4	7.9
NE	.0	1.5	.0	4.9	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.7	5.8
ENE	.0	1.2	.0	2.8	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	6.3
E	.0	.9	.0	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	5.3
ESE	.0	.6	.0	4.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.2	7.3
SE	.0	.6	.0	2.1	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	7.1
SSE	.0	.3	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	5.7
S	.0	.3	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	7.1
SSW	.0	.6	.0	4.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.5	6.1
SW	.0	1.2	.0	6.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.7	6.0
WSW	.0	1.8	.0	3.1	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.2	5.7
W	.0	.9	.0	4.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.9	5.9
WNW	.0	.6	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	11.3
NW	.0	.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	8.6
NNW	.0	.9	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	4.5
CALM	.2	25.5															
TOTAL	.3	39.6	.4	58.0	.0	1.8	.0	.3	.0	.0	.0	.0	.0	.3	.7	100	4.8

RDU RALEIGH/DURHAM, NC

CLASS 6 / NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: RDU RALEIGH/DURHAM, NC

PERIOD: 1949-1978

CLASS 6 / NIGHT

STATION NUMBER: 13722

NO. OBS.: 318

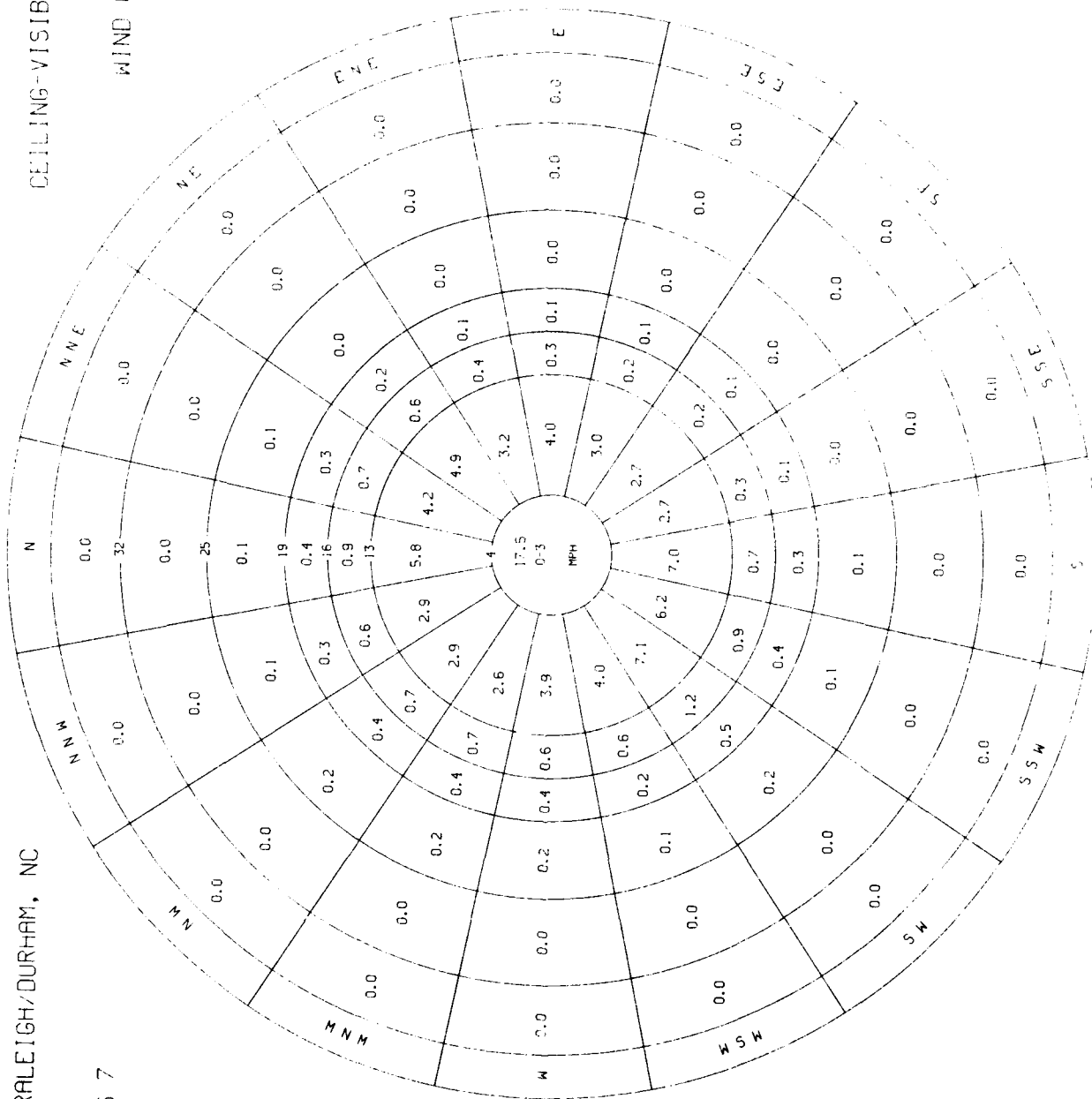
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D
N	.0	2.8	.1	7.5	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.1	10.7	6.0
NNE	.0	.9	.0	3.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	5.7
NE	.0	1.9	.0	1.3	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	3.5	6.5
ENE	.0	.6	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	5.5
E	.0	.9	.0	4.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.3	6.0
ESE	.0	.9	.0	3.1	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	6.6
SE	.0	.6	.0	3.5	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	4.4	6.7
SSE	.0	.0	.0	2.2	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	2.5	7.0
S	.0	.6	.0	3.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	5.2
SSW	.0	.6	.1	6.9	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.9	6.4
SW	.0	.6	.0	4.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7	7.4
WSW	.0	.3	.0	3.5	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	7.0
W	.0	2.2	.0	5.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.2	5.7
WNW	.0	.3	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	5.7
NW	.0	.0	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	6.3
NNW	.0	.6	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	5.5
CALM	.2	26.7														.2	26.7	
TOTAL	.3	40.9	.5	56.9	.0	.9	.0	.9	.0	.3	.0	.0	.0	.0	.0	.8	100	4.5

RDU RALEIGH/DURHAM, NC

CLASS 7

CEILING-VISIBILITY

WIND GRAPH

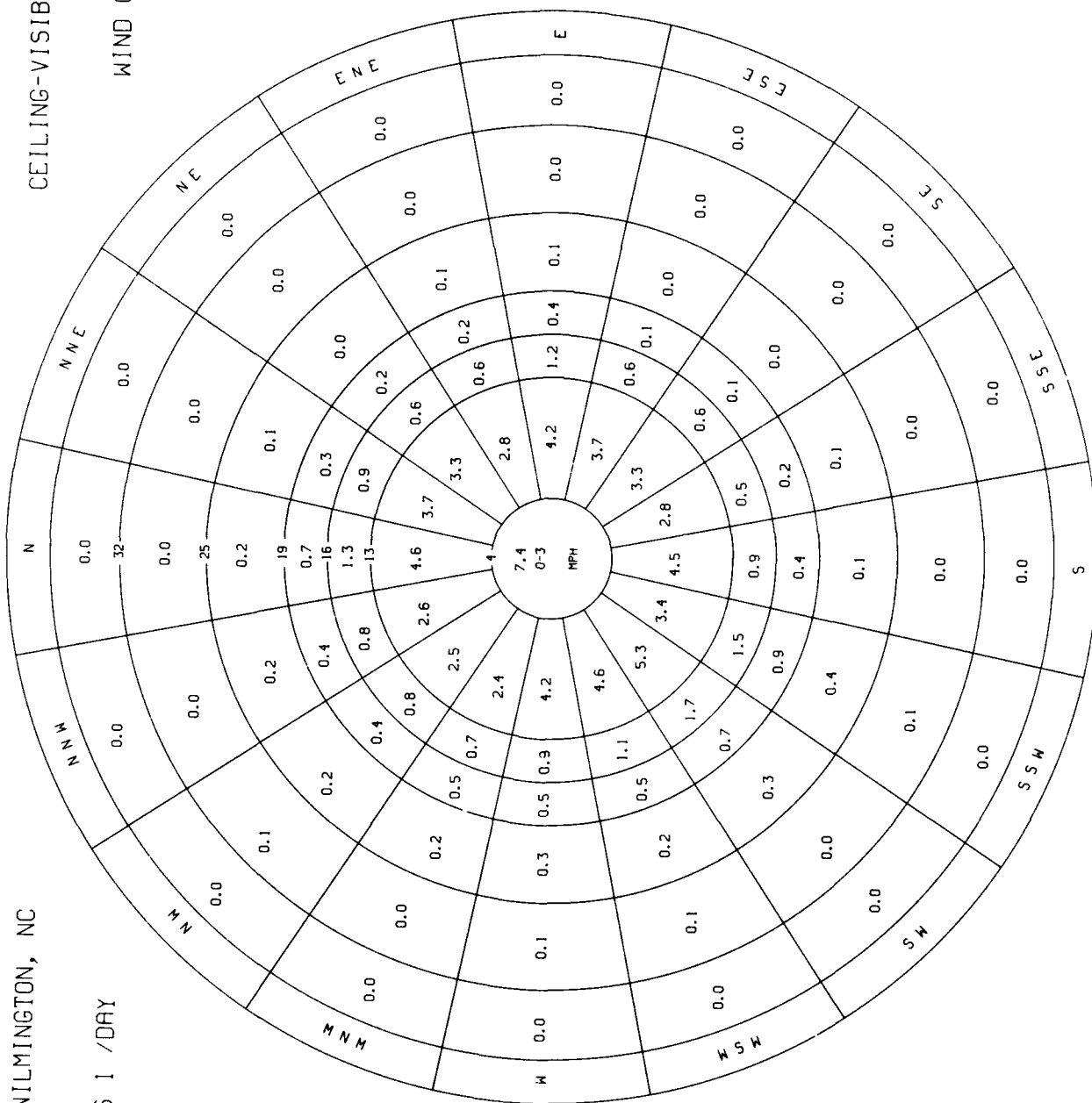


ILM WILMINGTON, NC

CLASS 1 /DAY

CEILING-VISIBILITY

WIND GRAPH



PRECEDING PAGE BLANK-NOT FILMED

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: ILM WILMINGTON, NC

PERIOD: 1960-1978

CLASS 1 / DAY

STATION NUMBER: 13748

NO. OBS.: 27362

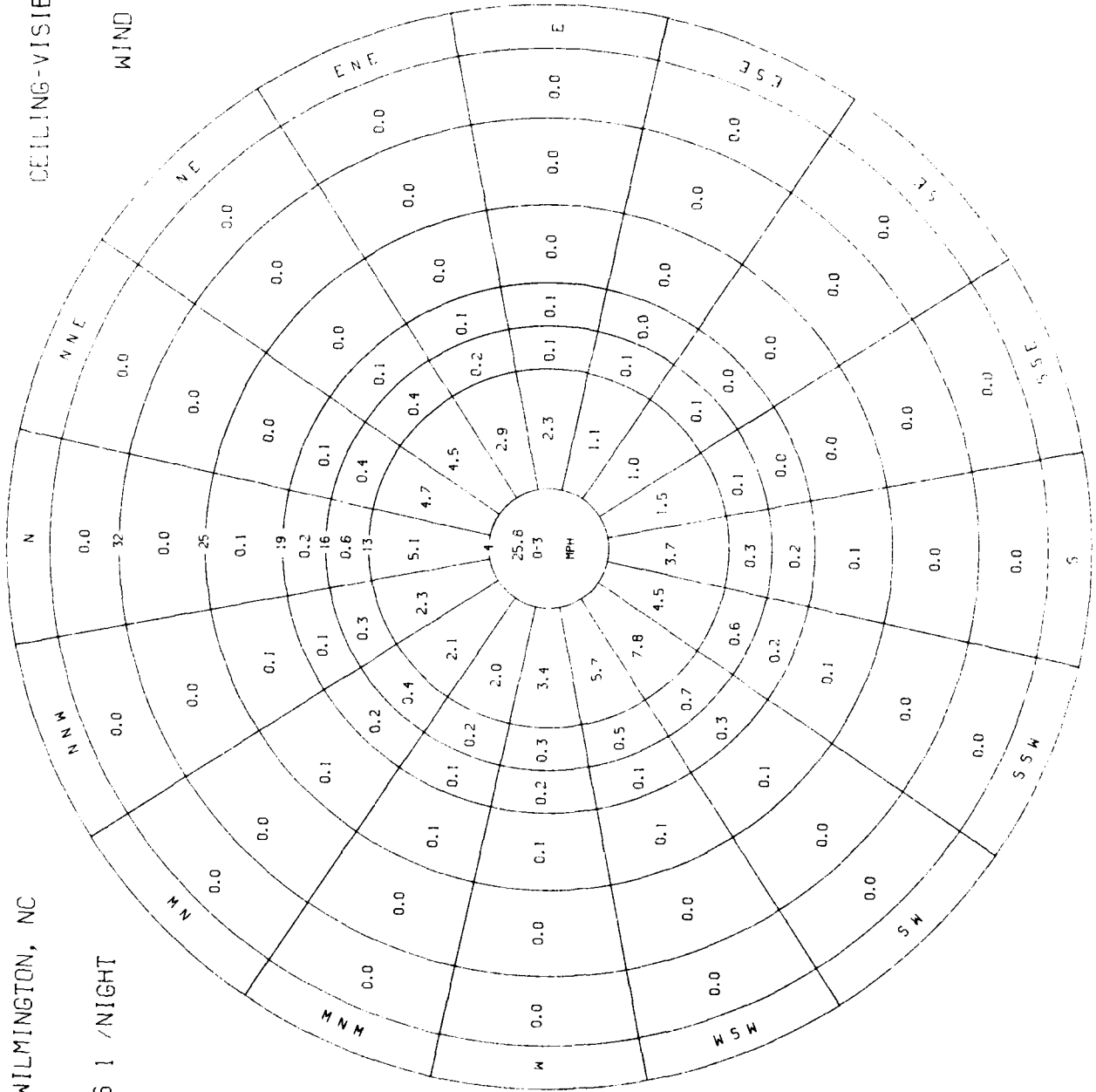
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.3	.4	4.6	5.2	1.3	1.4	.7	.8	.2	.3	.0	.0	.0	.0	7.1 8.0 10.3
NNE	.3	.3	3.7	4.1	.9	1.0	.3	.4	.1	.1	.0	.0	.0	.0	5.2 5.8 9.6
NE	.2	.3	3.3	3.7	.6	.7	.2	.2	.0	.0	.0	.0	.0	.0	4.3 4.9 9.1
ENE	.3	.3	2.8	3.1	.6	.7	.2	.2	.1	.1	.0	.0	.0	.0	3.9 4.3 9.2
E	.3	.3	4.2	4.8	1.2	1.3	.4	.5	.1	.1	.0	.0	.0	.0	6.2 7.0 10.1
ESE	.2	.3	3.7	4.1	.6	.7	.1	.1	.0	.0	.0	.0	.0	.0	4.7 5.2 9.0
SE	.2	.2	3.3	3.8	.6	.6	.1	.1	.0	.0	.0	.0	.0	.0	4.3 4.8 9.1
SSE	.2	.2	2.8	3.1	.5	.6	.2	.2	.1	.1	.0	.0	.0	.0	3.6 4.1 9.2
S	.3	.4	4.5	5.0	.9	1.0	.4	.4	.1	.1	.0	.0	.0	.0	6.2 6.9 9.6
SSW	.2	.2	3.4	3.8	1.5	1.7	.9	1.0	.4	.4	.1	.1	.0	.0	6.3 7.1 11.8
SW	.2	.2	5.3	6.0	1.7	1.9	.7	.8	.3	.4	.0	.0	.0	.0	8.3 9.3 10.9
WSW	.2	.2	4.6	5.2	1.1	1.2	.5	.6	.2	.2	.1	.1	.0	.0	6.8 7.6 10.3
W	.3	.3	4.2	4.7	.9	1.1	.5	.6	.3	.3	.1	.1	.0	.0	6.3 7.1 10.4
WNW	.2	.2	2.4	2.7	.7	.8	.5	.6	.2	.2	.0	.0	.0	.0	4.1 4.6 10.8
NW	.2	.2	2.5	2.8	.8	.9	.4	.5	.2	.2	.1	.1	.0	.0	4.1 4.6 10.8
NNW	.2	.2	2.6	2.9	.8	.9	.4	.5	.2	.2	.0	.0	.0	.0	4.1 4.6 10.6
CALM	3.6	4.1													3.6 4.1
TOTAL	7.4	8.3	57.9	64.9	14.6	16.3	6.5	7.3	2.4	2.7	.4	.4	.0	.0	89.2 100 9.7

ILM WILMINGTON, NC

CLASS 1 / NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: ILM WILMINGTON, NC

PERIOD: 1960-1978

CLASS 1 / NIGHT

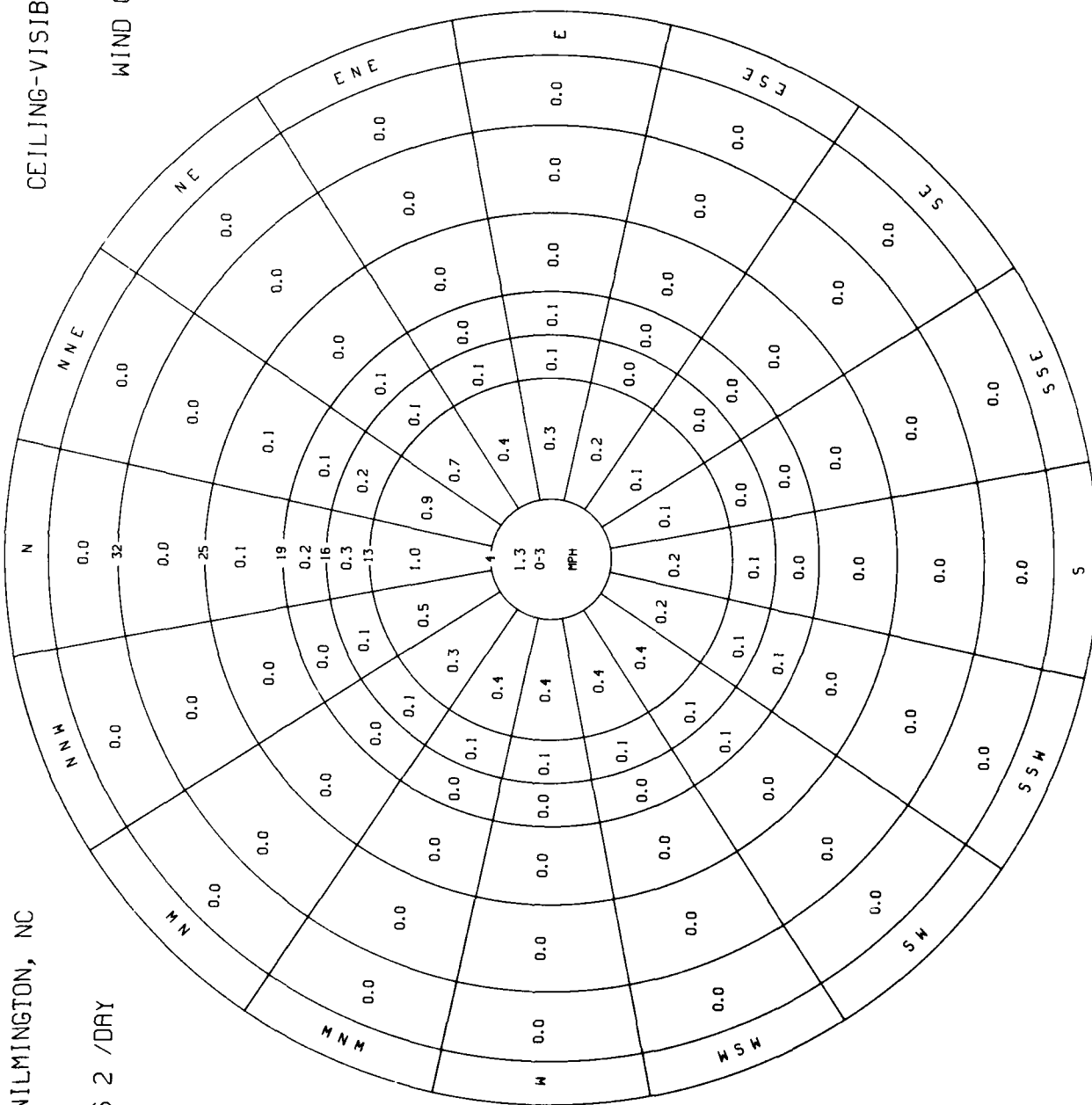
STATION NUMBER: 13748

NO. OBS.: 21988

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.8	.9	5.1	5.7	.6	.7	.2	.2	.1	.2	.0	.0	.0	.0	6.8 7.7 6.1
NNE	.6	.7	4.7	5.3	.4	.5	.1	.1	.0	.0	.0	.0	.0	.0	5.9 6.6 7.7
NE	.6	.7	4.5	5.1	.4	.4	.1	.1	.0	.0	.0	.0	.0	.0	5.5 6.3 7.5
ENE	.8	.9	2.9	3.3	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	4.0 4.5 6.5
E	.9	1.1	2.3	2.6	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	3.4 3.8 6.4
ESE	.7	.8	1.1	1.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.9 2.2 5.6
SE	.4	.5	1.0	1.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.6 1.8 6.2
SSE	.4	.5	1.5	1.6	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.0 2.3 6.9
S	.8	.9	3.7	4.2	.3	.3	.2	.2	.1	.1	.0	.0	.0	.0	5.1 5.7 7.3
SSW	.5	.5	4.5	5.1	.6	.7	.2	.2	.1	.1	.0	.0	.0	.0	5.9 6.6 8.5
SW	.6	.7	7.8	8.9	.7	.8	.3	.3	.1	.1	.0	.0	.0	.0	9.6 10.8 8.1
WSW	.4	.4	5.7	6.4	.5	.5	.1	.2	.1	.1	.0	.0	.0	.0	6.7 7.6 8.0
W	.4	.5	3.4	3.9	.3	.3	.2	.2	.1	.1	.0	.0	.0	.0	4.4 5.0 8.1
WNW	.2	.3	2.0	2.3	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	2.7 3.0 8.1
NW	.2	.2	2.1	2.3	.4	.4	.2	.2	.1	.1	.0	.0	.0	.0	2.9 3.2 9.2
NNW	.2	.3	2.3	2.5	.3	.4	.1	.2	.1	.1	.0	.0	.0	.0	3.1 3.5 8.9
CALM	17.2	19.4													17.2 19.4
TOTAL	25.8	29.2	54.5	61.6	5.2	5.8	2.0	2.2	.8	.9	.1	.2	.0	.0	88.5 100 6.3

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: ILM WILMINGTON, NC

PERIOD: 1960-1978

CLASS 2 / DAY

STATION NUMBER: 13748

NO. OBS.: 3298

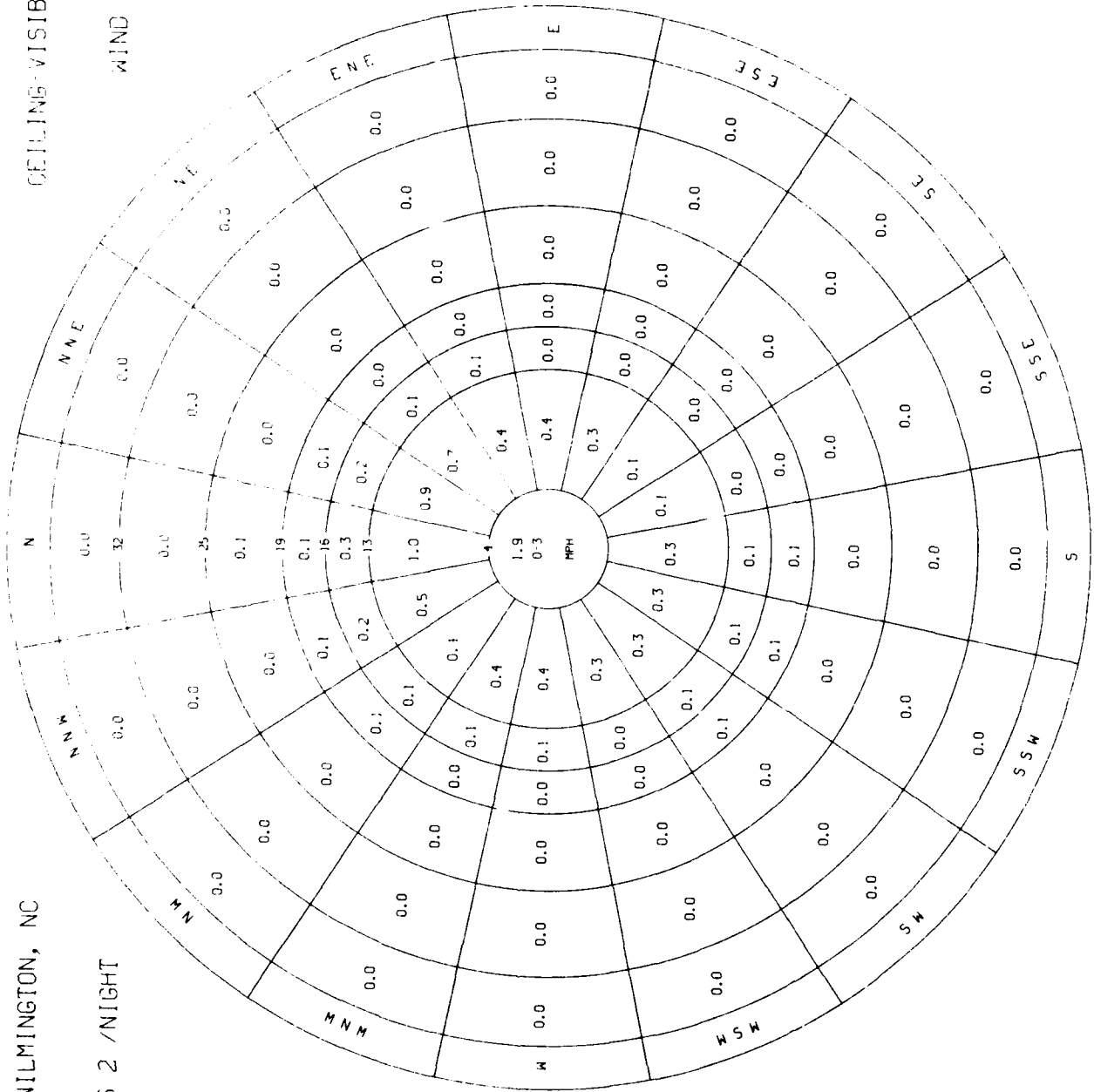
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C
N	.1	.5	1.0	9.3	.3	2.5	.2	1.5	.1	.7	.0	.3	.0	.0	1.6	14.7	11.0
NNE	.1	.5	.9	8.8	.2	1.7	.1	.8	.1	.6	.0	.1	.0	.0	1.3	12.5	10.2
NE	.0	.4	.7	6.6	.1	1.3	.1	.6	.0	.2	.0	.1	.0	.0	1.0	9.2	9.9
ENE	.0	.4	.4	4.1	.1	.8	.0	.4	.0	.1	.0	.0	.0	.0	.6	5.8	9.3
E	.0	.4	.3	3.1	.1	.8	.1	.7	.0	.2	.0	.1	.0	.0	.6	5.2	10.6
ESE	.0	.2	.2	1.9	.0	.2	.0	.2	.0	.2	.0	.1	.0	.0	.3	2.7	9.4
SE	.0	.2	.1	.9	.0	.2	.0	.4	.0	.2	.0	.1	.0	.0	.2	1.9	11.5
SSE	.0	.1	.1	1.2	.0	.2	.0	.3	.0	.1	.0	.1	.0	.0	.2	2.0	11.0
S	.0	.0	.2	2.1	.1	.5	.0	.3	.0	.2	.0	.1	.0	.0	.4	3.3	12.1
SSW	.0	.2	.2	1.7	.1	.7	.1	.5	.0	.3	.0	.2	.0	.0	.4	3.5	12.4
SW	.0	.3	.4	3.4	.1	.9	.1	.8	.0	.3	.0	.1	.0	.0	.6	5.6	10.8
WSW	.0	.2	.4	3.4	.1	.6	.0	.2	.0	.2	.0	.0	.0	.0	.5	4.5	9.4
W	.0	.5	.4	3.6	.1	.7	.0	.2	.0	.2	.0	.0	.0	.0	.6	5.1	9.0
WNW	.1	.5	.4	3.4	.1	.5	.0	.3	.0	.3	.0	.1	.0	.0	.6	5.1	9.7
NW	.0	.2	.3	3.2	.1	.6	.0	.4	.0	.2	.0	.0	.0	.0	.5	4.6	9.9
NNW	.0	.3	.5	4.2	.1	1.2	.0	.5	.0	.3	.0	.1	.0	.0	.7	6.5	10.7
CALM	.8	7.7													.8	7.7	
TOTAL	1.3	12.4	6.6	60.9	1.4	13.4	.9	7.9	.4	3.9	.1	1.3	.0	.1	10.8	100	9.6

ILM WILMINGTON, NC

CLASS 2 / NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: ILM WILMINGTON, NC

PERIOD: 1960-1978

CLASS 2 / NIGHT

STATION NUMBER: 13748

NO. OBS.: 2852

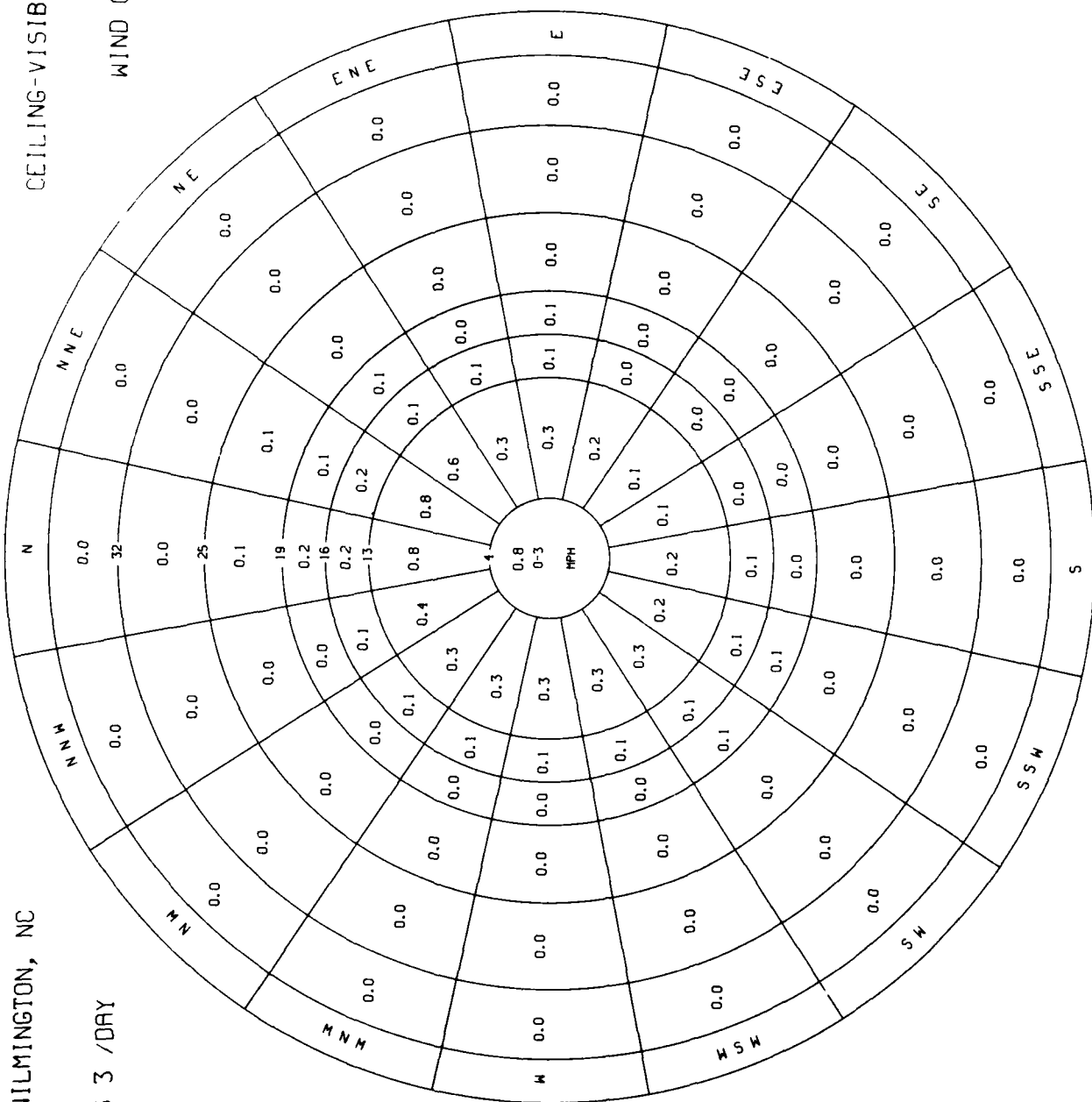
DIR	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.4	1.0	9.0	.3	2.4	.1	1.1	.1	.8	.0	.2	.0	.0	1.6 13.9
NNE	.0	.4	.9	7.8	.2	1.8	.1	.5	.0	.3	.0	.1	.0	.0	1.2 10.8
NNE	.0	.4	.7	6.0	.1	1.1	.0	.4	.0	.3	.0	.0	.0	.0	.9 8.2
ENE	.1	.6	.4	3.2	.1	.8	.0	.2	.0	.1	.0	.0	.0	.0	.6 5.0
E	.1	.7	.4	3.5	.0	.3	.0	.2	.0	.1	.0	.0	.0	.0	.6 4.9
ESE	.0	.3	.3	2.3	.0	.3	.0	.1	.0	.1	.0	.0	.0	.0	.4 3.1
SE	.0	.2	.1	1.2	.0	.2	.0	.2	.0	.0	.0	.1	.0	.0	.2 1.9
SSE	.0	.1	.1	.7	.0	.2	.0	.1	.0	.0	.0	.1	.0	.0	.1 1.3
S	.0	.2	.3	2.5	.1	.5	.1	.5	.0	.2	.0	.0	.0	.0	.5 4.0
SSW	.0	.1	.3	2.3	.1	.7	.1	.7	.0	.4	.0	.0	.0	.0	.5 4.2
SW	.0	.3	.3	2.9	.1	.9	.1	.7	.0	.2	.0	.0	.0	.0	.6 5.0
WSW	.0	.3	.3	2.9	.0	.4	.0	.3	.0	.1	.0	.0	.0	.0	.5 4.0
W	.0	.4	.4	3.8	.1	.6	.0	.4	.0	.3	.0	.1	.0	.0	.6 5.6
WNW	.1	.6	.4	3.2	.1	.7	.0	.4	.0	.1	.0	.0	.0	.0	.6 4.9
NW	.0	.3	.4	3.3	.1	1.1	.1	.5	.0	.1	.0	.0	.0	.0	.6 5.3
NNW	.0	.4	.5	4.2	.2	1.4	.1	.7	.0	.2	.0	.1	.0	.0	.8 6.9
CALM	1.3	10.9													1.3 10.9
TOTAL	1.9	16.5	6.8	58.9	1.5	13.4	.8	6.9	.4	3.4	.1	.7	.0	.1	11.5 100

CEILING-VISIBILITY

WIND GRAPH

ILM WILMINGTON, NC

CLASS 3 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: ILM WILMINGTON, NC

PERIOD: 1960-1978

CLASS 3 / DAY

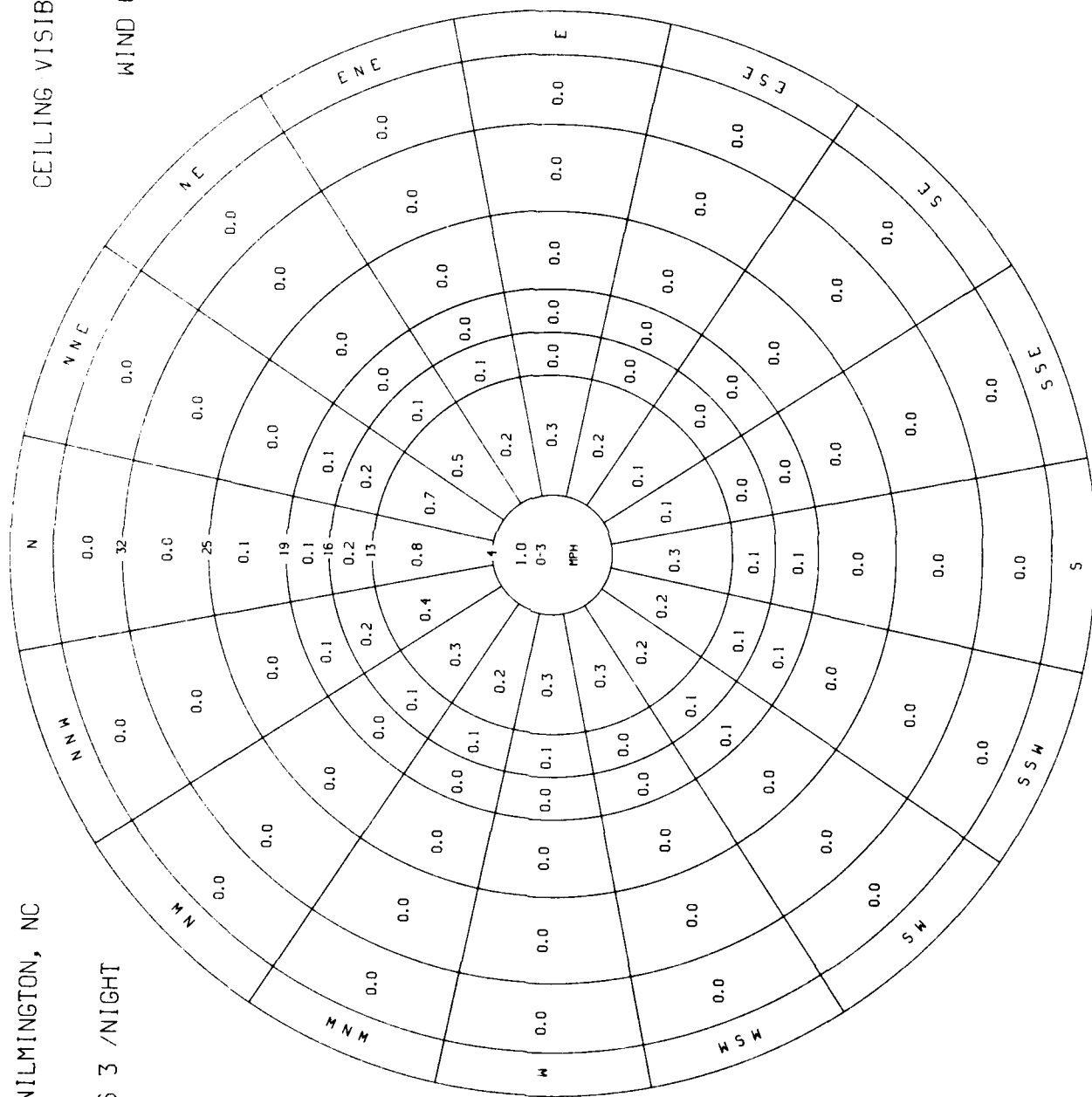
STATION NUMBER: 13748

NO. OBS.: 2695

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C
N	.0	.3	.8	9.2	.2	2.8	.2	1.7	.1	.8	.0	.3	.0	.0	1.3	15.1	11.4
NNE	.0	.4	.8	8.6	.2	2.0	.1	1.0	.1	.7	.0	.1	.0	.0	1.1	12.9	10.8
NE	.0	.3	.6	6.5	.1	1.4	.1	.7	.0	.2	.0	.1	.0	.0	.8	9.3	10.4
ENE	.0	.3	.3	3.8	.1	1.0	.0	.4	.0	.1	.0	.0	.0	.0	.5	5.6	9.7
E	.0	.2	.3	2.9	.1	1.0	.1	.7	.0	.1	.0	.0	.0	.0	.4	5.0	11.1
ESE	.0	.3	.2	1.9	.0	.2	.0	.2	.0	.2	.0	.1	.0	.0	.2	2.8	9.8
SE	.0	.1	.1	1.0	.0	.2	.0	.4	.0	.2	.0	.1	.0	.0	.2	2.0	12.1
SSE	.0	.1	.1	1.4	.0	.3	.0	.4	.0	.1	.0	.1	.0	.0	.2	2.3	11.2
S	.0	.0	.2	2.2	.1	.6	.0	.3	.0	.3	.0	.1	.0	.0	.3	3.6	12.2
SSW	.0	.2	.2	1.7	.1	.8	.1	.6	.0	.3	.0	.2	.0	.0	.3	3.9	12.8
SW	.0	.3	.3	3.5	.1	1.0	.1	.9	.0	.3	.0	.1	.0	.0	.5	6.0	11.3
WSW	.0	.2	.3	3.6	.1	.7	.0	.2	.0	.2	.0	.0	.0	.0	.4	4.9	9.6
W	.0	.3	.3	3.6	.1	.8	.0	.3	.0	.1	.0	.0	.0	.0	.5	5.1	9.5
WNW	.0	.5	.3	3.3	.1	.6	.0	.3	.0	.3	.0	.1	.0	.0	.4	5.0	9.9
NW	.0	.2	.3	3.0	.1	.6	.0	.5	.0	.2	.0	.0	.0	.0	.4	4.6	10.3
NNW	.0	.2	.4	4.2	.1	1.3	.0	.6	.0	.4	.0	.1	.0	.0	.6	6.7	11.3
CALM	.4	5.0													.4	5.0	
TOTAL	.8	8.9	5.3	60.3	1.4	15.4	.8	9.3	.4	4.5	.1	1.4	.0	.1	8.8	100	10.3

CEILING VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: ILM WILMINGTON, NC

PERIOD: 1960-1978

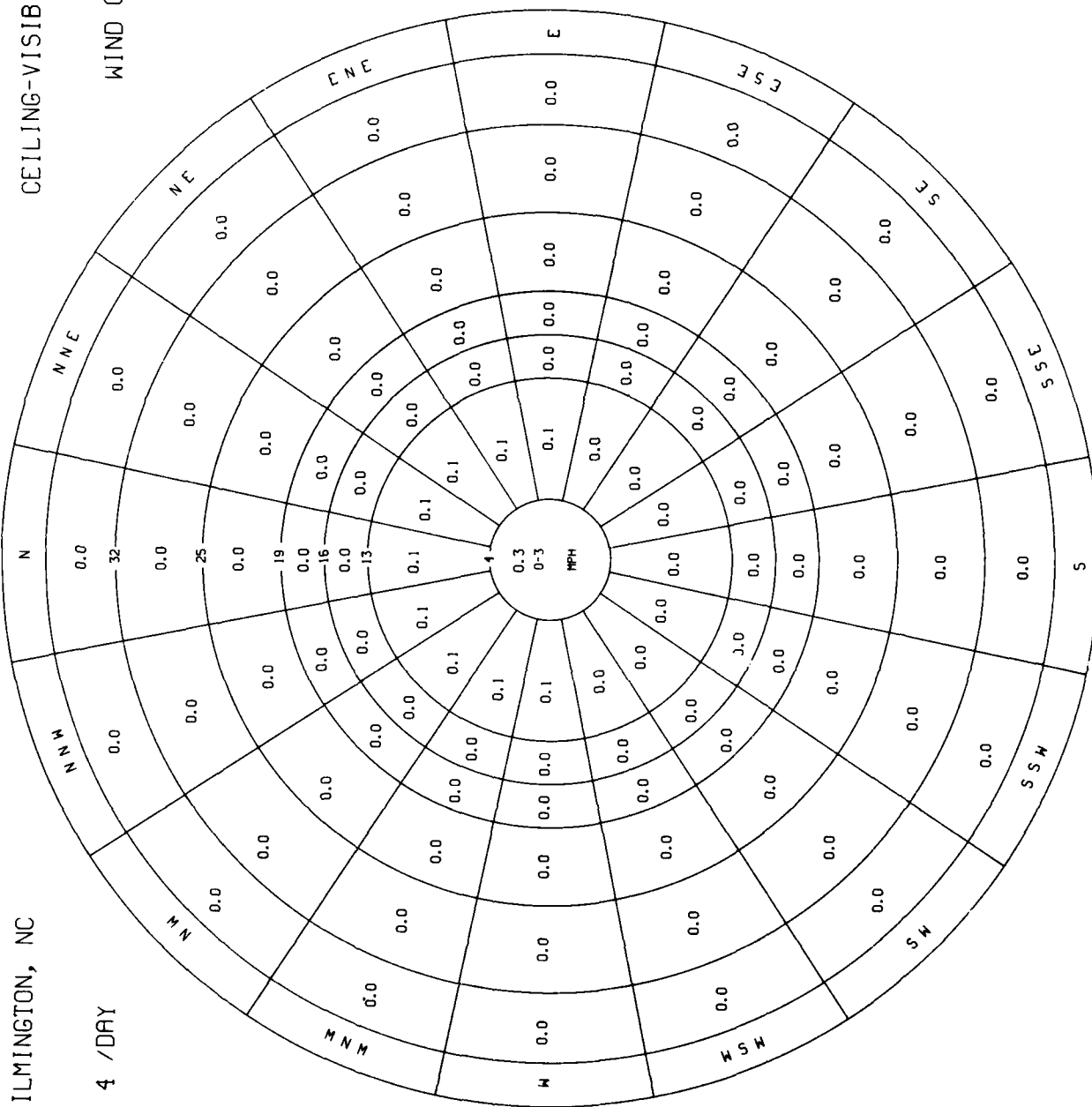
CLASS 3 / NIGHT

STATION NUMBER: 13748

NO. OBS.: 2137

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	.3	.8	9.0	.2	2.8	.1	1.5	.1	1.1	.0	.3	.0	.0	1.3	14.9	11.5
NNE	.0	.3	.7	8.3	.2	2.3	.1	.7	.0	.4	.0	.1	.0	.0	1.0	12.2	10.3
NE	.0	.2	.5	6.2	.1	1.4	.0	.5	.0	.3	.0	.0	.0	.0	.7	8.7	9.8
ENE	.1	.7	.2	2.8	.1	1.1	.0	.2	.0	.1	.0	.0	.0	.0	.4	4.9	9.5
E	.0	.5	.3	3.0	.0	.3	.0	.2	.0	.2	.0	.0	.0	.0	.4	4.3	9.2
ESE	.0	.2	.2	2.0	.0	.4	.0	.0	.0	.2	.0	.0	.0	.0	.2	2.8	8.6
SE	.0	.1	.1	1.0	.0	.2	.0	.2	.0	.0	.0	.1	.0	.0	.1	1.7	10.4
SSE	.0	.0	.1	.8	.0	.2	.0	.2	.0	.0	.0	.1	.0	.0	.1	1.4	12.1
S	.0	.2	.3	2.9	.1	.6	.1	.7	.0	.3	.0	.0	.0	.0	.4	4.8	10.8
SSW	.0	.0	.2	2.2	.1	.8	.1	.9	.0	.5	.0	.0	.0	.0	.4	4.5	12.8
SW	.0	.2	.2	2.6	.1	1.2	.1	.8	.0	.2	.0	.0	.0	.0	.4	5.1	12.0
WSW	.0	.2	.3	3.2	.0	.4	.0	.4	.0	.2	.0	.0	.0	.0	.4	4.4	9.4
W	.0	.4	.3	3.7	.1	.7	.0	.5	.0	.3	.0	.1	.0	.0	.5	5.7	10.4
WNW	.0	.5	.2	2.9	.1	.8	.0	.5	.0	.1	.0	.0	.0	.0	.4	4.8	10.0
NW	.0	.1	.3	3.2	.1	1.3	.0	.6	.0	.1	.0	.0	.0	.0	.5	5.3	10.6
NNW	.0	.3	.4	4.2	.2	1.8	.1	.9	.0	.2	.0	.1	.0	.0	.6	7.5	11.1
CALM	.6	6.9													.6	6.9	
TOTAL	1.0	11.4	5.0	58.0	1.4	16.4	.8	8.8	.4	4.3	.1	.9	.0	.2	8.6	100	9.9

CEILING-VISIBILITY
WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: ILM WILMINGTON, NC

PERIOD: 1960-1978

CLASS 4 / DAY

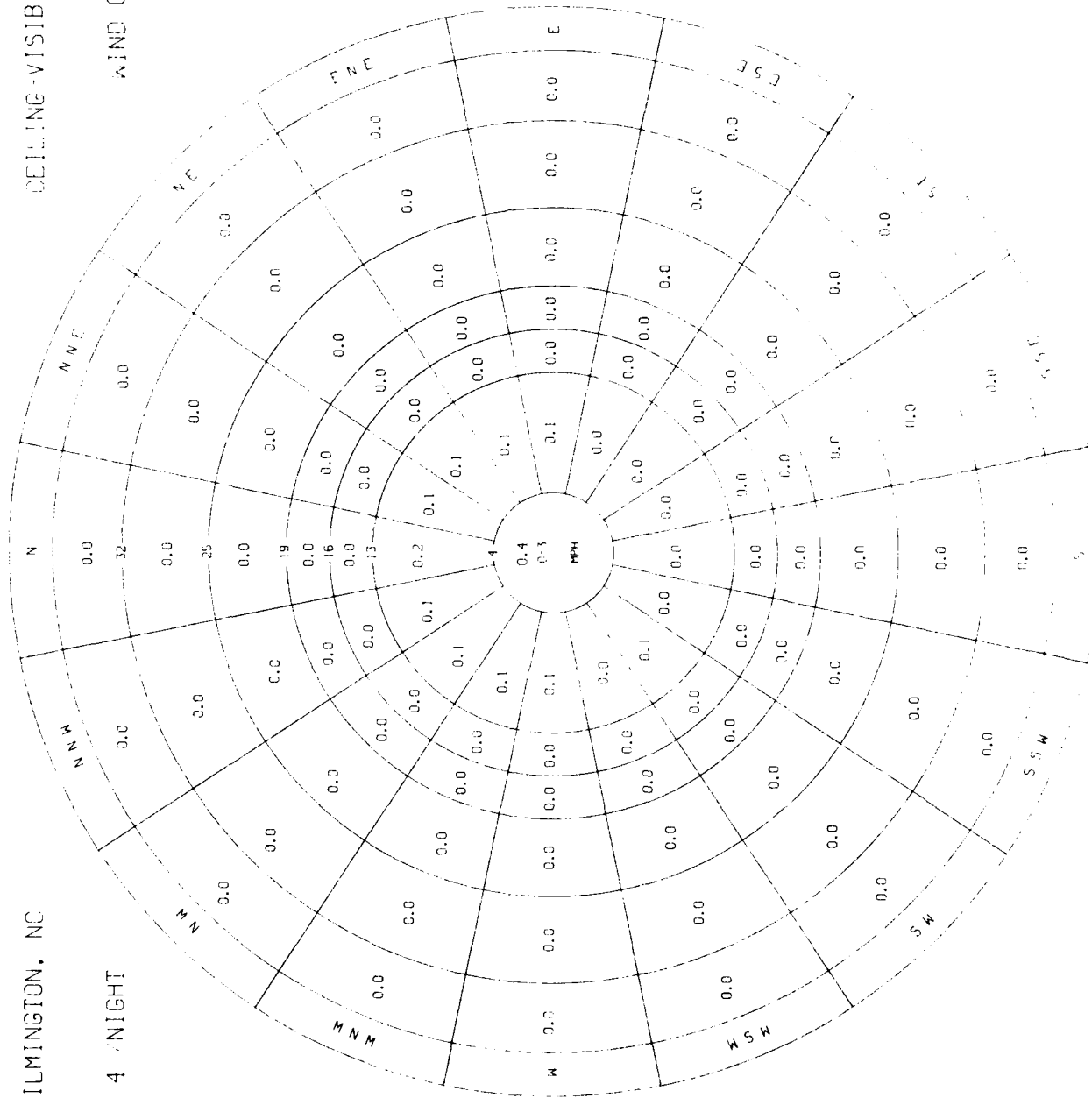
STATION NUMBER: 13748

NO. OBS.: 407

D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	.0	1.2	.1	9.8	.0	1.0	.0	1.0	.0	.0	.0	.5	.0	.0	.2	13.5	9.3
NNE	.0	.2	.1	10.8	.0	.5	.0	.2	.0	.0	.0	.2	.0	.0	.2	12.0	7.9
NE	.0	1.2	.1	8.8	.0	.7	.0	.0	.0	.2	.0	.0	.0	.0	.1	11.1	7.4
ENE	.0	1.0	.1	5.7	.0	.2	.0	.5	.0	.0	.0	.0	.0	.0	.1	7.4	7.9
E	.0	1.0	.1	4.4	.0	.0	.0	.5	.0	.5	.0	.5	.0	.0	.1	6.9	9.7
ESE	.0	.2	.0	1.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	8.1
SE	.0	.0	.0	1.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	8.0
SSE	.0	.0	.0	.5	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	8.7
S	.0	.0	.0	1.5	.0	.0	.0	.2	.0	.2	.0	.2	.0	.0	.0	2.2	12.2
SSW	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	7.5
SW	.0	.0	.0	3.2	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	8.2
WSW	.0	.0	.0	2.5	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	7.8
W	.0	1.2	.1	3.9	.0	.5	.0	.0	.0	.2	.0	.0	.0	.0	.1	5.9	7.4
WNW	.0	.2	.1	4.2	.0	.2	.0	.2	.0	.5	.0	.0	.0	.0	.1	5.4	9.3
NW	.0	.0	.1	4.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.7	7.9
NNW	.0	.5	.1	5.2	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.1	8.2
CALM	.2	12.8													.2	12.8	
TOTAL	.3	19.7	.9	69.0	.1	5.4	.0	2.7	.0	1.7	.0	1.5	.0	.0	1.3	100	7.3

CELLING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1960-1978

STATION NAME: ILM WILMINGTON, NC

CLASS 4 / NIGHT

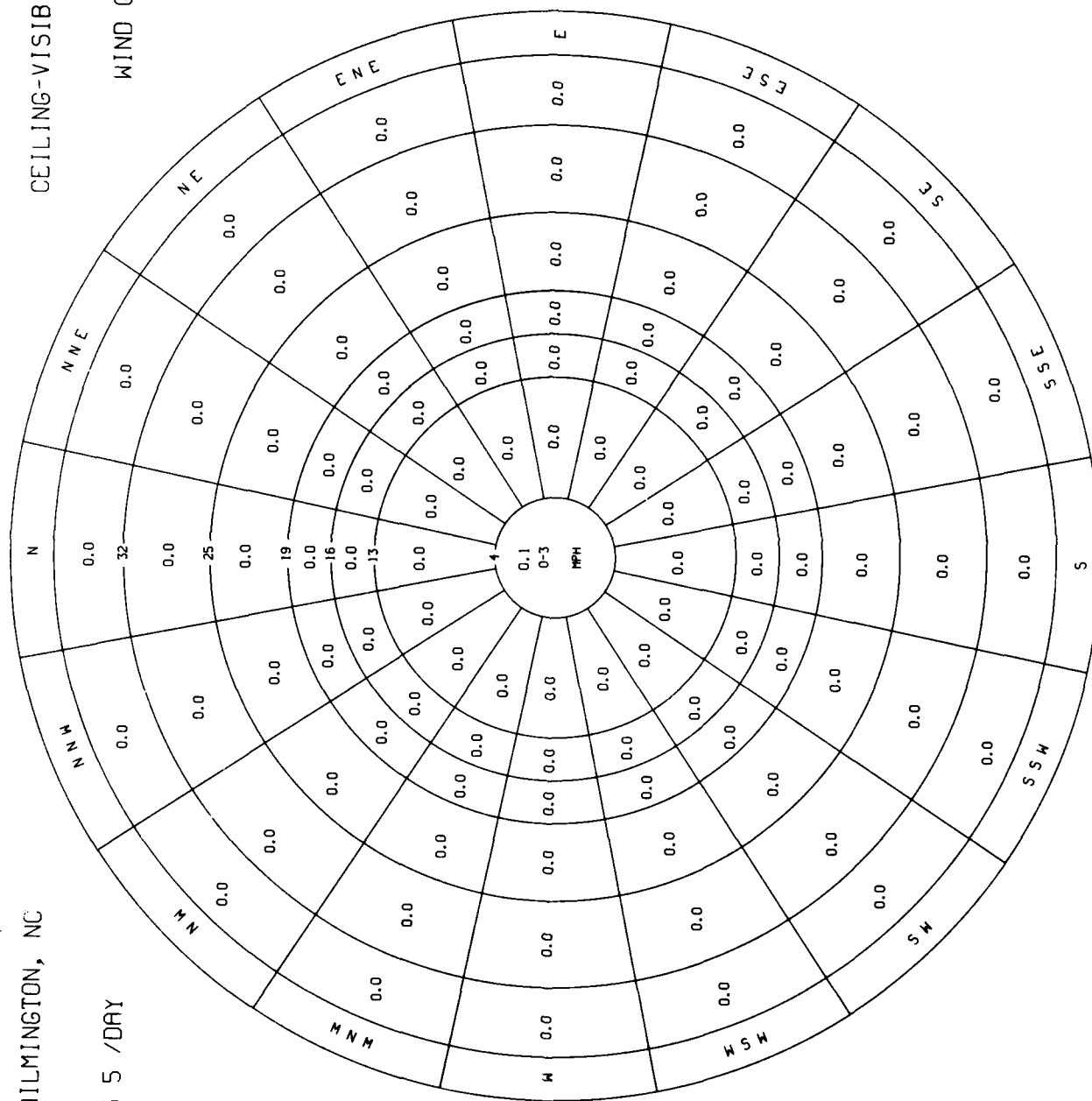
NO. OBS.: 404

STATION NUMBER: 13743

D ; R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C
N	.0	.2	.2	10.4	.0	1.2	.0	.0	.0	.0	.0	.2	.0	.0	.2	12.1	8.6
NNE	.0	.7	.1	7.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.2	7.3
NNE	.5	.5	.1	6.7	.0	.2	.0	.0	.0	.5	.0	.0	.0	.0	.0	7.9	5.9
ENE	.0	.2	.1	5.2	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	5.9	7.9
E	.0	.7	.1	5.9	.0	.5	.0	.2	.0	.0	.0	.0	.0	.0	.0	7.4	7.7
ESE	.5	.5	.0	2.7	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	3.5	6.7
SE	.0	.0	.0	1.2	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	1.5	9.0
SSE	.5	.5	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	7.7
S	.0	.5	.0	1.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	8.0
SSW	.0	.2	.0	2.2	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	9.0
SW	.0	.0	.1	4.2	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	4.7	8.3
WSW	.0	.2	.0	2.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	6.6
W	.0	.2	.1	4.0	.0	.7	.0	.0	.0	.2	.0	.0	.0	.0	.0	5.7	9.4
WNW	.0	.2	.1	5.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.9	8.0
NW	.0	.7	.1	4.5	.0	.7	.0	.0	.0	.2	.0	.0	.0	.0	.0	6.2	9.0
NNW	.0	.5	.1	5.2	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.2	8.0
CALM	3 16.1														3 16.1		
TOTAL	4 22.3		1 1 57.6		3 5.9		0 2.1		0 1.0		0 1.2		0 1.0		1 6 10.1		5.8

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: ILM WILMINGTON, NC

PERIOD: 1960-1978

CLASS 5 / DAY

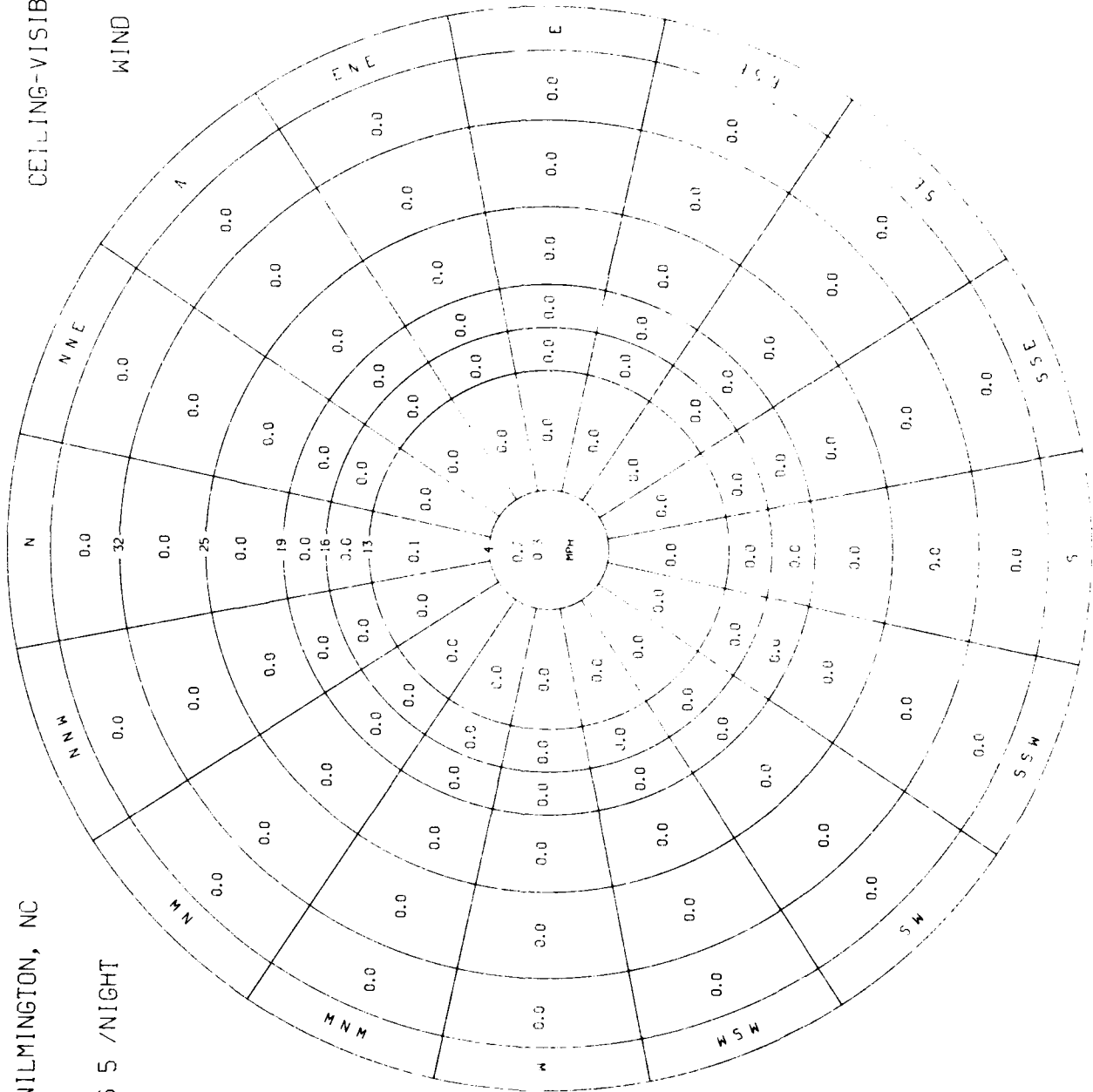
STATION NUMBER: 13748

NO. OBS.: 114

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED				
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL			
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D	
N	.0	2.6	.0	13.2	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.16.7	7.2	
NNE	.0	1.8	.0	10.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.3	6.1
NE	.0	.0	.0	6.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.1	6.6
ENE	.0	.0	.0	6.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.1	7.3
E	.0	.9	.0	4.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.3	6.3
ESE	.0	.0	.0	3.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	6.0
SE	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	3.0
SSE	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	6.0
S	.0	.0	.0	1.8	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	8.7
SSW	.0	.0	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	9.5
SW	.0	1.8	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	5.6
WSW	.0	.9	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	5.3
W	.0	.0	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	6.5
WNW	.0	.0	.0	3.5	.0	.0	.0	.0	.0	.0	.0	.0	.9	.0	.0	.0	.0	4.4	11.6
NW	.0	.0	.0	3.5	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	9.0
NNW	.0	.9	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	6.0
CALM	.1	23.7															.1	23.7	
TOTAL	.1	33.3	.2	63.2	.0	2.6	.0	.0	.0	.0	.0	.9	.0	.0	.0	.0	.4	100	5.4

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: ILM WILMINGTON, NC

PERIOD: 1960-1978

CLASS 5 / NIGHT

STATION NUMBER: 13748

NO. OBS.: 178

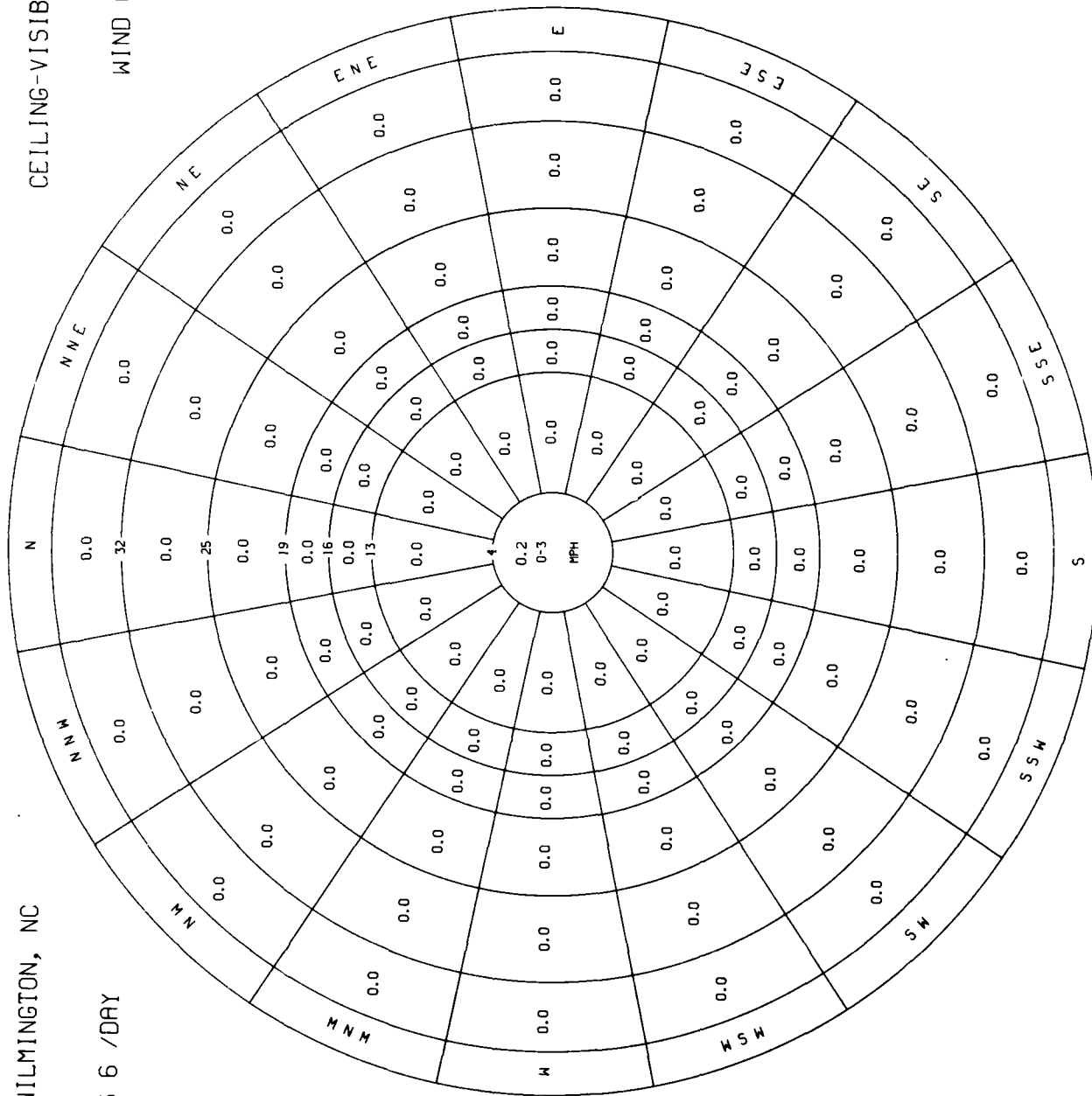
D I R	SPEED GROUPS (MPH)														HVG WIND SPEED				
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL			
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D	
N	.0	.6	.1	9.6	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	11.8	7.1
NNE	.0	.0	.0	5.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.1	6.8
NE	.0	1.1	.0	6.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.9	5.2
ENE	.0	1.1	.0	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5	6.5
E	.0	1.7	.0	5.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.7	5.6
ESE	.0	.6	.0	5.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.6	6.3
SE	.0	.6	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	6.0
SSE	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	5.0
S	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	5.0
SSW	.0	.0	.0	3.4	.0	.0	.0	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	3.9	8.6
SW	.0	.6	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	5.0
WSW	.0	.6	.0	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	5.5
W	.0	.0	.0	3.9	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5	8.0
WNW	.0	2.2	.0	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.6	5.3
NW	.0	1.7	.0	3.9	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.2	7.1
NNW	.0	1.1	.0	5.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.2	6.1
CALM	.2	21.3															.2	21.3	
TOTAL	.2	33.1	.5	63.5	.0	2.2	.0	.6	.0	.6	.0	.0	.0	.0	.0	.0	.7	100	5.1

ILM WILMINGTON, NC

CLASS 6 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: ILM WILMINGTON, NC

PERIOD: 1960-1978

CLASS 6 / DAY

STATION NUMBER: 13748

NO. OBS.: 82

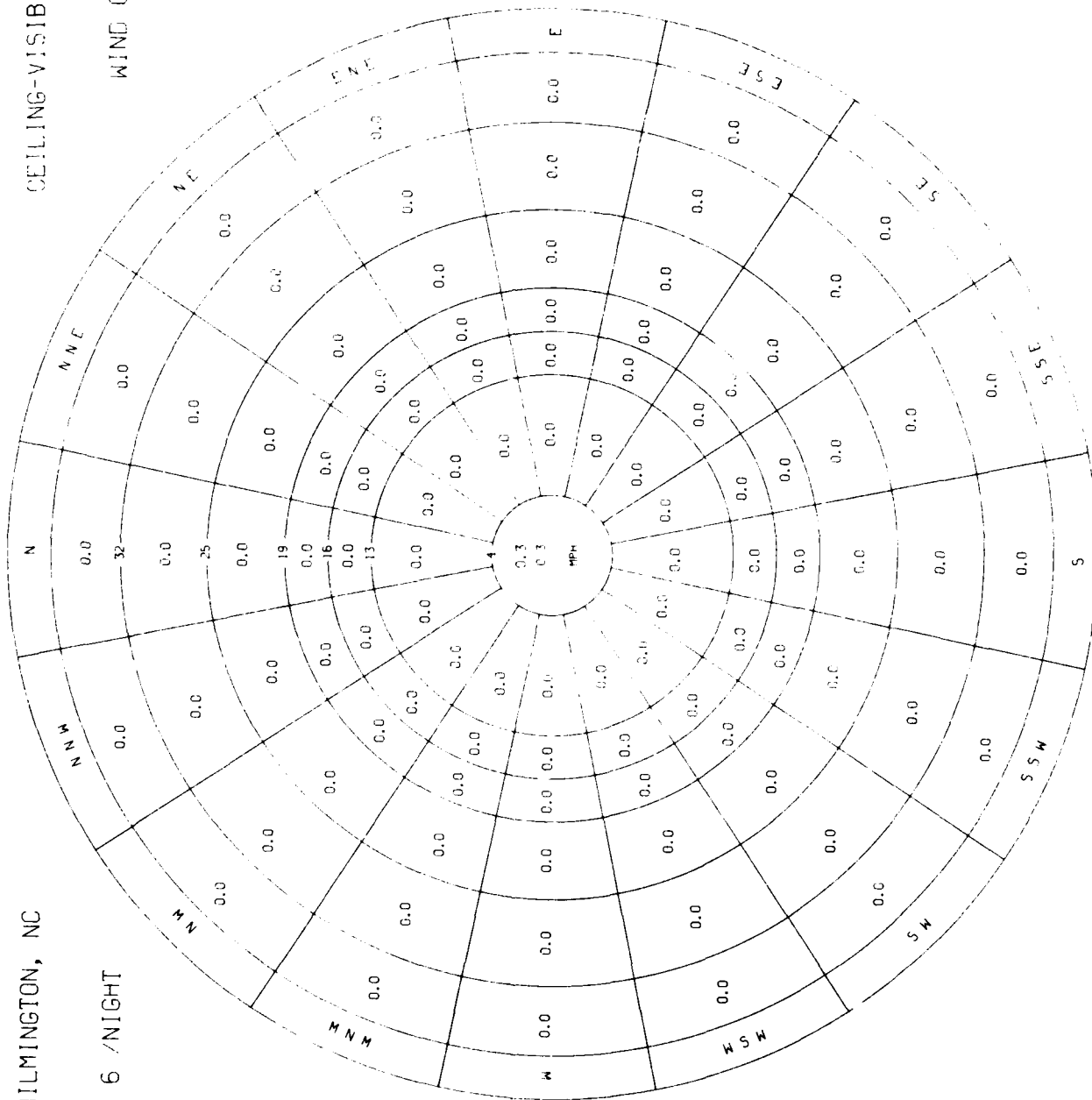
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	.0	.0	4.9	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.1	8.4
NNE	.0	1.2	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	5.0
NE	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	7.0
ENE	.0	1.2	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	5.0
E	.0	1.2	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	4.7
ESE	.0	.0	.0	3.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	5.0
SE	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	3.0
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	7.0
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	.0	.0	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	5.0
WSW	.0	.0	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	9.0
W	.0	2.4	.0	2.4	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.1	6.0
WNW	.0	2.4	.0	4.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.3	4.7
NW	.0	.0	.0	3.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	5.7
NNW	.0	1.2	.0	3.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.9	5.7
CALM	.1	48.8													.1	48.8	
TOTAL	.2	59.8	.1	37.8	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.3	100	3.0

CEILING-VISIBILITY

WIND GRAPH

ILM WILMINGTON, NC

CLASS 6 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1960-1978

STATION NAME: ILM WILMINGTON, NC

CLASS 6 / NIGHT

NO. OBS.: 133

STATION NUMBER: 13748

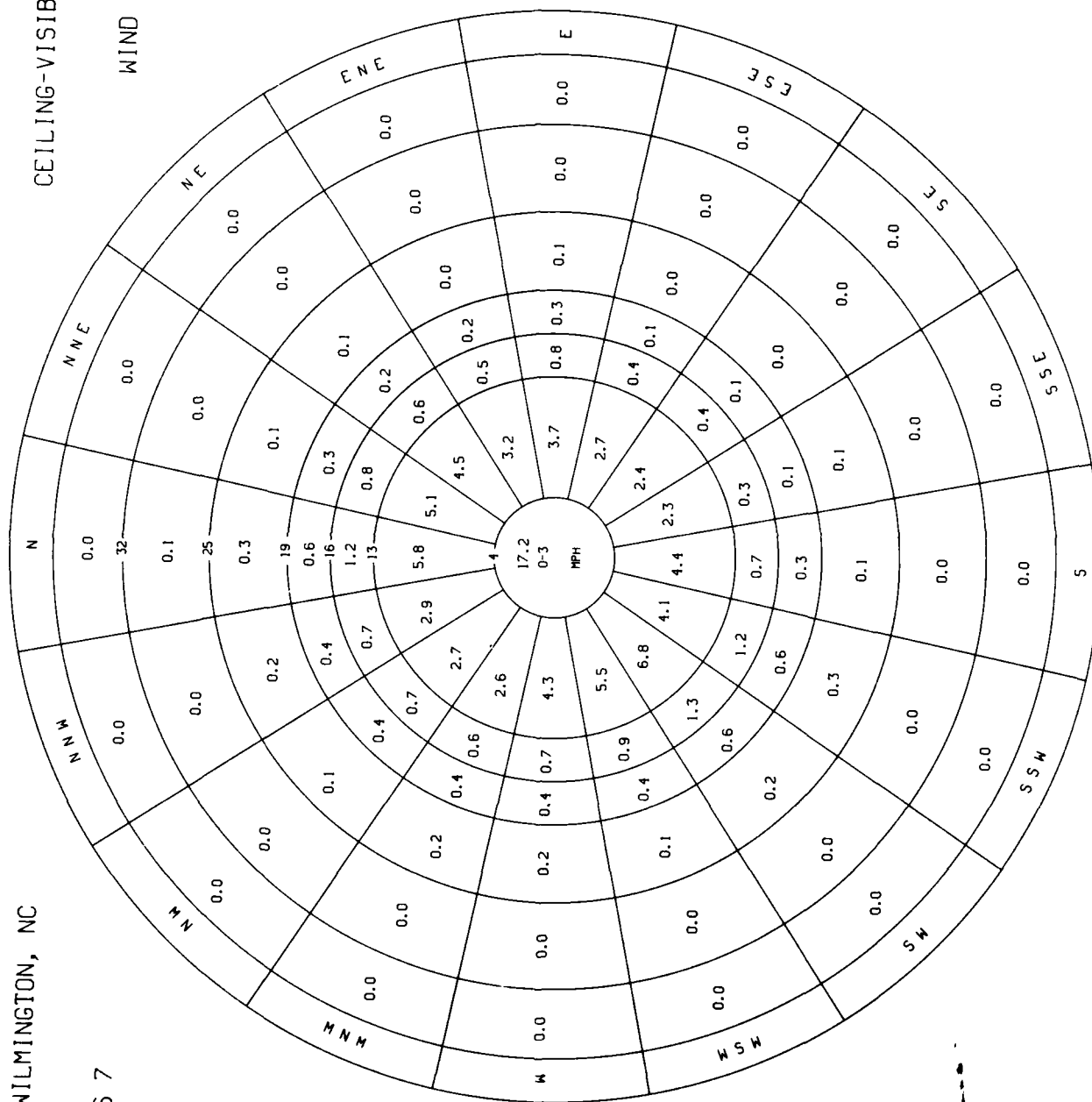
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.8	.0	4.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.3	5.9
NNE	.0	.8	.0	4.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.3	5.6
NNE	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	3.0
ENE	.0	.8	.0	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5	5.3
E	.0	3.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5	4.8
ESE	.0	.0	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	6.7
SE	.0	2.3	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	4.6
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	.0	.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	5.0
SSW	.0	.0	.0	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	7.4
SW	.0	2.3	.0	5.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.5	5.6
WSW	.0	.8	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	5.0
W	.0	.8	.0	5.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0	5.8
WNW	.0	.8	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	5.0
NW	.0	.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	7.5
NNW	.0	.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	6.0
CALM	.2	45.1													.2	45.1	
TOTAL	.3	58.6	.2	41.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	100	3.0

ILM WILMINGTON, NC

CLASS 7

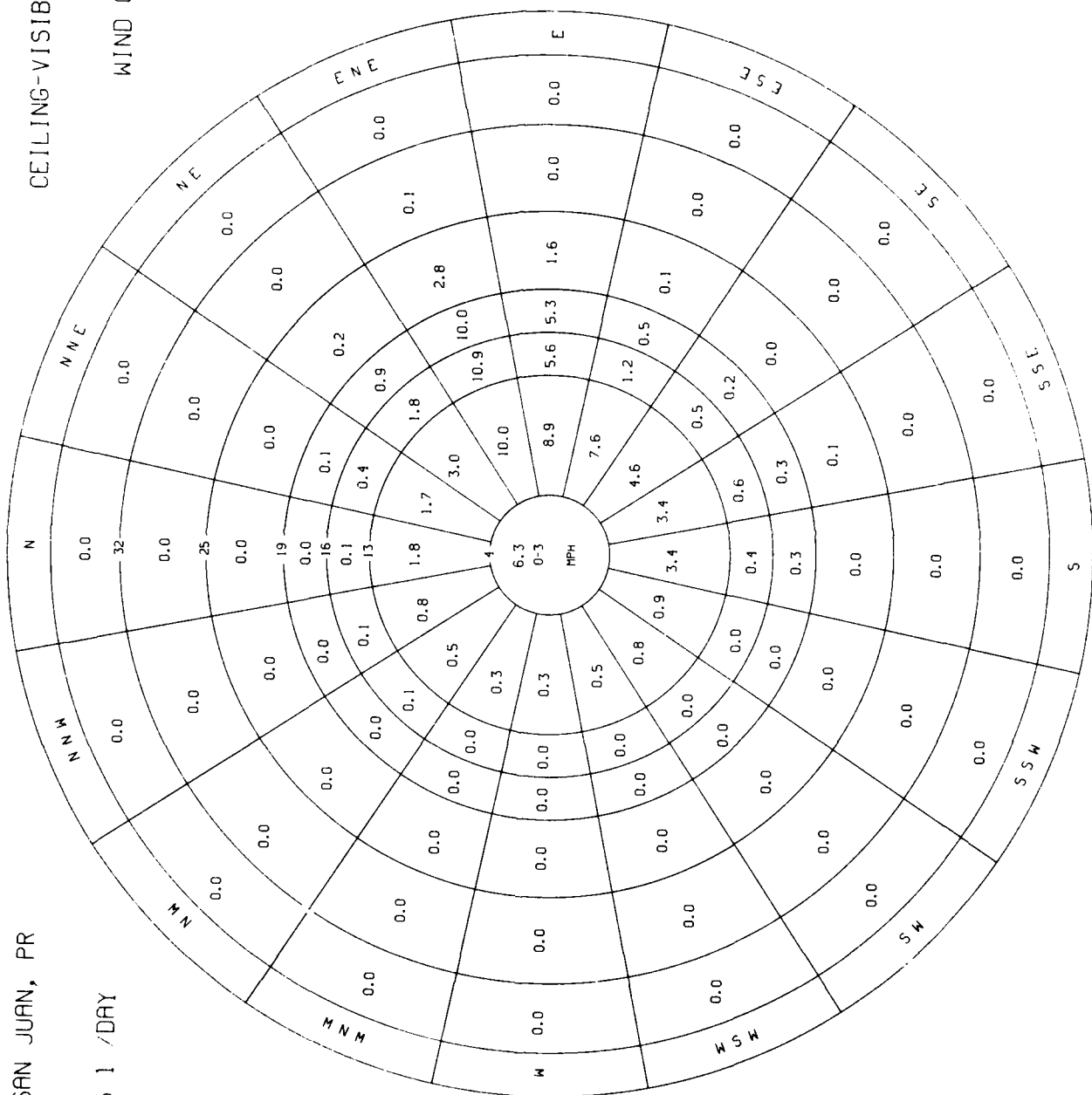
CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY

WIND GRAPH



756

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SJU SAN JUAN, PR

PERIOD: 1956-1978

CLASS 1 / DAY

STATION NUMBER: 11641

NO. OBS.: 33386

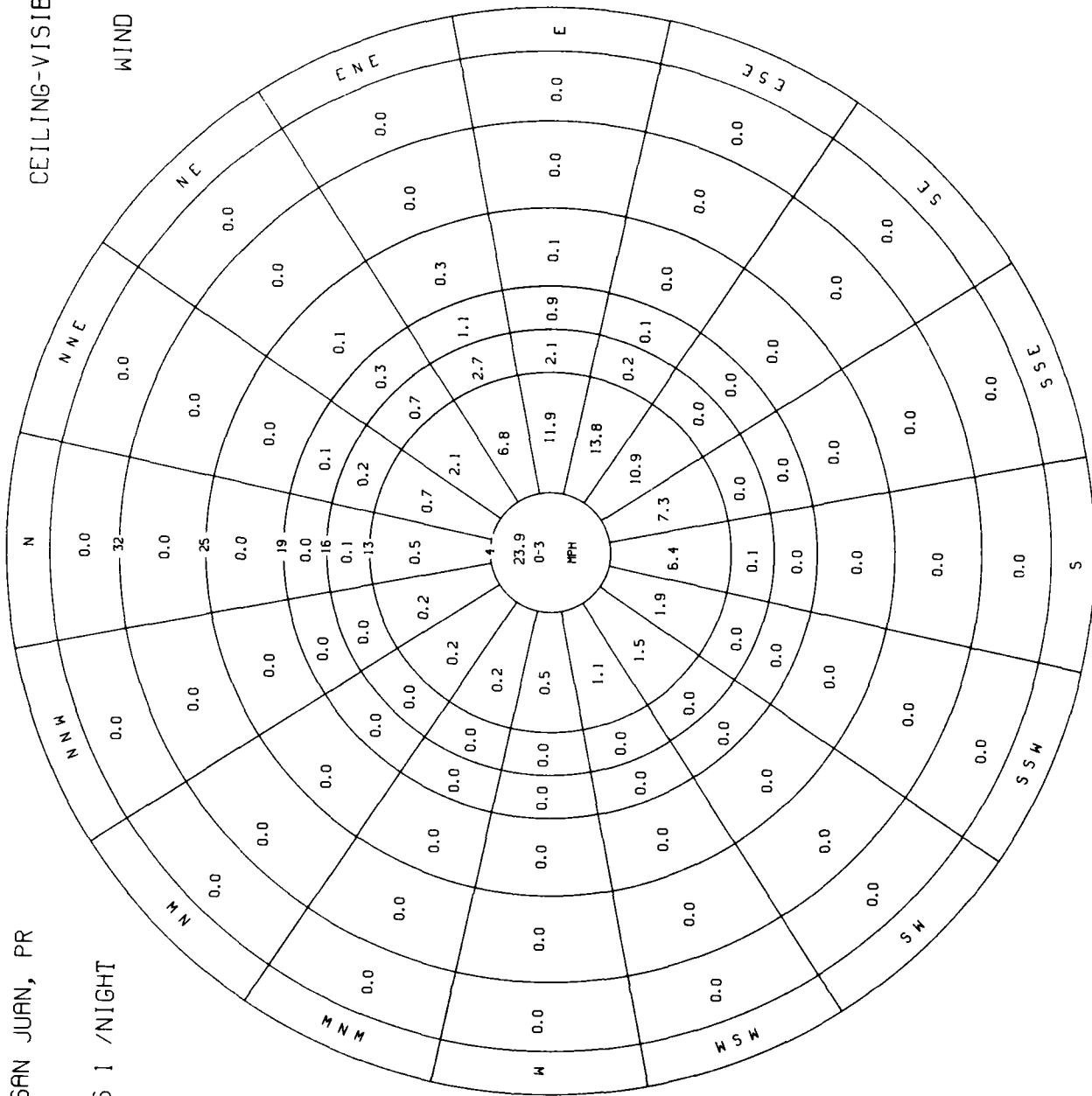
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.1	.1	1.8	1.8	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.0 2.0
NNE	.0	.0	1.7	1.7	.4	.4	.1	.1	.0	.0	.0	.0	.0	.0	2.3 2.4
NE	.0	.0	3.0	3.0	1.8	1.8	.9	1.0	.2	.2	.0	.0	.0	.0	6.0 6.0
ENE	.1	.1	10.0	10.1	10.9	10.9	10.0	10.0	2.8	2.8	.1	.1	.0	.0	33.8 34.0
E	.2	.2	8.9	9.0	5.6	5.7	5.3	5.3	1.6	1.7	.0	.0	.0	.0	21.7 21.9
ESE	.3	.3	7.6	7.6	1.2	1.2	.5	.5	.1	.1	.0	.0	.0	.0	9.7 9.7
SE	.3	.3	4.6	4.6	.5	.5	.2	.2	.0	.0	.0	.0	.0	.0	5.7 5.7
SSE	.3	.4	3.4	3.4	.6	.6	.3	.3	.1	.1	.0	.0	.0	.0	4.8 4.8
S	.5	.5	3.4	3.4	.4	.4	.3	.3	.0	.0	.0	.0	.0	.0	4.5 4.6
SSW	.2	.2	.9	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1 1.1
SW	.1	.1	.8	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9 .9
WSW	.1	.1	.5	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6 .6
W	.1	.1	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4 .4
WNW	.0	.0	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4 .4
NW	.0	.0	.5	.5	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.6 .6
NNW	.0	.0	.8	.9	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.0 1.0
CALM	3.9	4.0													3.9 4.0
TOTAL	6.3	6.3	48.6	48.9	21.8	22.0	17.7	17.8	4.9	4.9	.1	.1	.0	.0	99.4 100

SJU SAN JUAN, PR

CLASS 1 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SJU SAN JUAN, PR

PERIOD: 1956-1978

CLASS 1 / NIGHT

STATION NUMBER: 11641

NO. OBS.: 33378

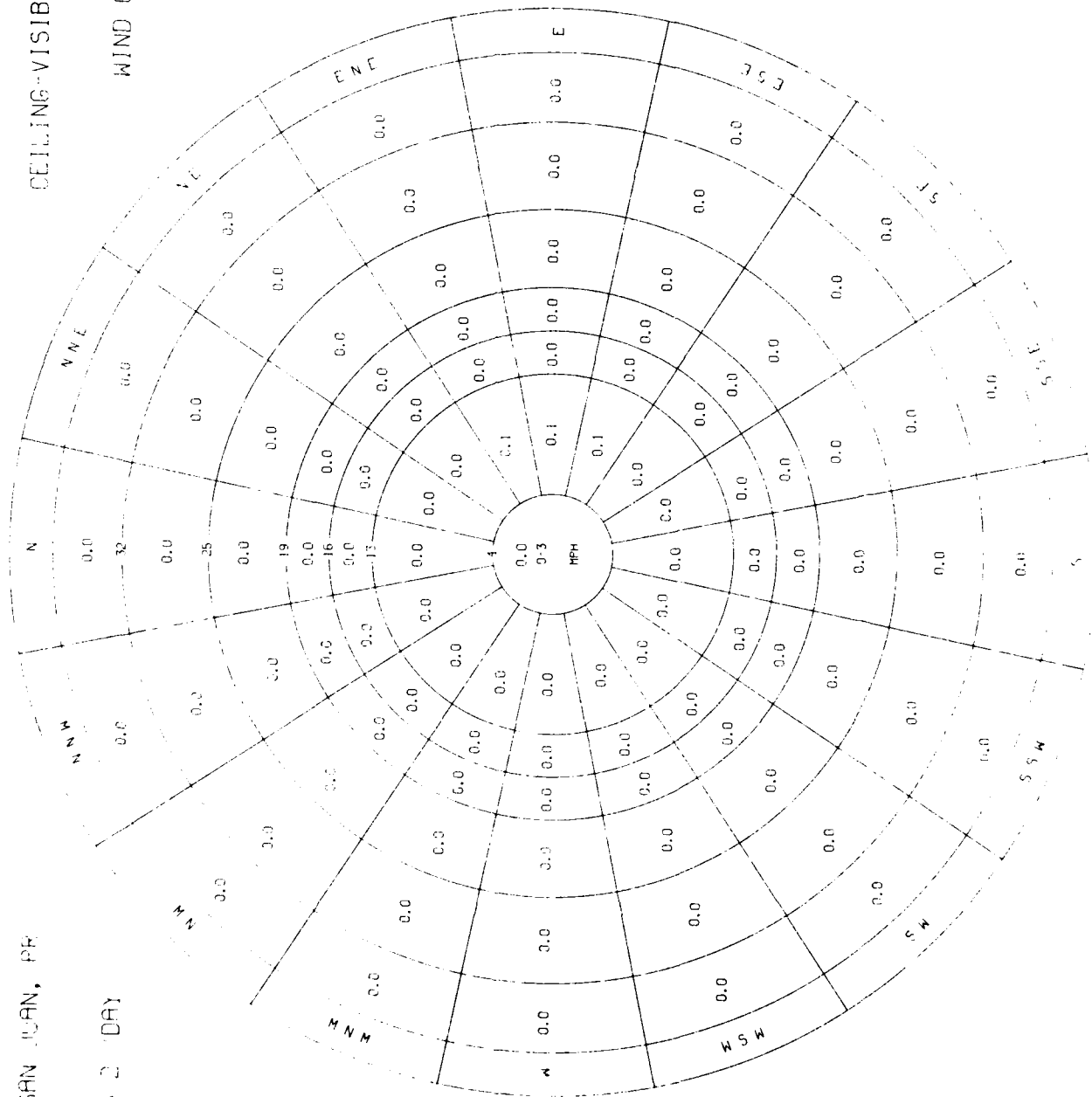
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.0	.5	.5	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.7
NNE	.0	.0	.7	.7	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	1.1
NE	.1	.1	2.1	2.1	.7	.7	.3	.3	.1	.1	.0	.0	.0	.0	3.3
ENE	.2	.2	6.8	6.9	2.7	2.7	1.1	1.1	.3	.3	.0	.0	.0	.0	11.1
E	.7	.7	11.9	12.0	2.1	2.2	.9	.9	.1	.1	.0	.0	.0	.0	15.8
ESE	1.6	1.6	13.8	13.9	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	15.6
SE	1.7	1.7	10.9	11.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.7
SSE	1.6	1.6	7.3	7.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.9
S	1.7	1.7	6.4	6.5	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	8.2
SSW	.4	.4	1.9	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4
SW	.3	.3	1.5	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8
WSW	.2	.2	1.1	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3
W	.1	.1	.5	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6
WNW	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2
NW	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2
NNW	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3
CALM	15.2	15.3													15.2
TOTAL	23.9	24.0	66.0	66.4	6.2	6.2	2.6	2.6	.7	.7	.0	.0	.0	.0	99.4
															100
															6.4

SJU SAN JUAN, PR

CLASS 2 DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SAN JUAN, PR

PERIOD: 1956-1978

CLASS 2 / DAY

STATION NUMBER: 11641

NO. OBS.: 200

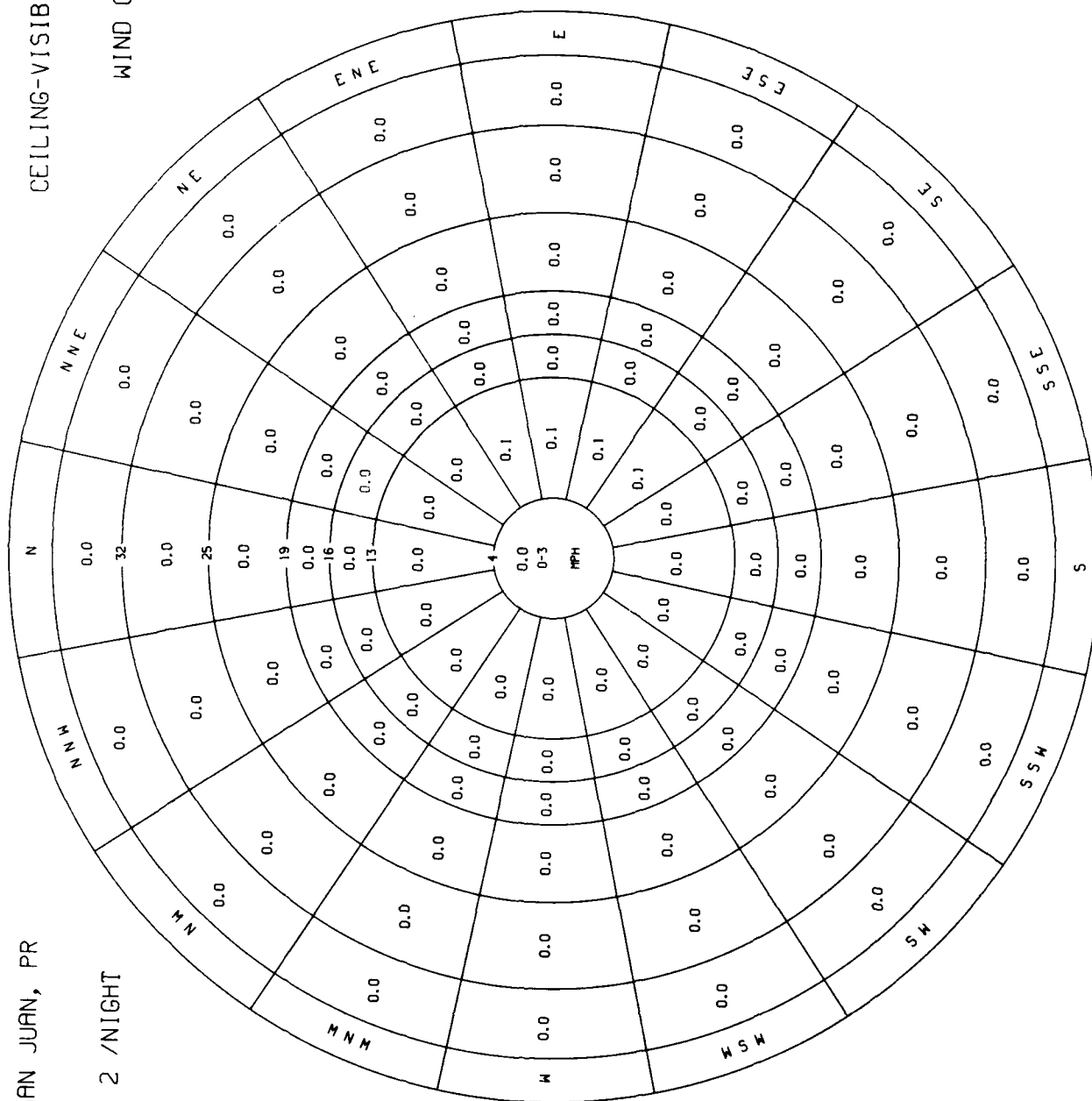
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C
N	.0	.0	.0	.0	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	1.0	15.5
NNE	.0	.0	.0	1.0	.0	1.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	3.0	13.0
NE	.0	.0	.0	2.5	.0	2.0	.0	2.5	.0	.0	.0	.0	.0	.0	.5	7.5	15.6
ENE	.0	.0	.1	8.5	.0	3.0	.0	3.5	.0	1.5	.0	.5	.0	.0	.0	17.0	13.4
E	.0	.5	.1	9.0	.0	4.5	.0	2.0	.0	.0	.0	.0	.0	.0	.0	16.0	11.2
ESE	.0	.0	.1	13.5	.0	2.0	.0	1.5	.0	1.0	.0	.0	.0	.0	.0	18.0	10.6
SE	.0	.0	.0	7.5	.0	1.0	.0	1.0	.0	.5	.0	.0	.0	.0	.0	10.0	10.6
SSE	.0	.0	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	9.8
S	.0	.5	.0	5.0	.0	1.0	.0	1.0	.0	.5	.0	.0	.0	.0	.0	8.0	10.4
SSW	.0	.0	.0	1.0	.0	.0	.0	.5	.0	.5	.0	.0	.0	.0	.0	2.0	12.7
SW	.0	.0	.0	2.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	10.5
WSW	.0	.0	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	7.4
W	.0	.0	.0	3.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	9.1
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	7.0
NNW	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	7.0
CALM	.0	4.5													.0	4.5	
TOTAL	.0	5.5	4	60.0	.1	16.5	.1	13.0	.0	4.0	.0	.5	.0	.5	.0	6.100	11.0

SJU SAN JUAN, PR

CLASS 2 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SJU SAN JUAN, PR

PERIOD: 1956-1978

CLASS 2 / NIGHT

STATION NUMBER: 11641

NO. OBS.: 208

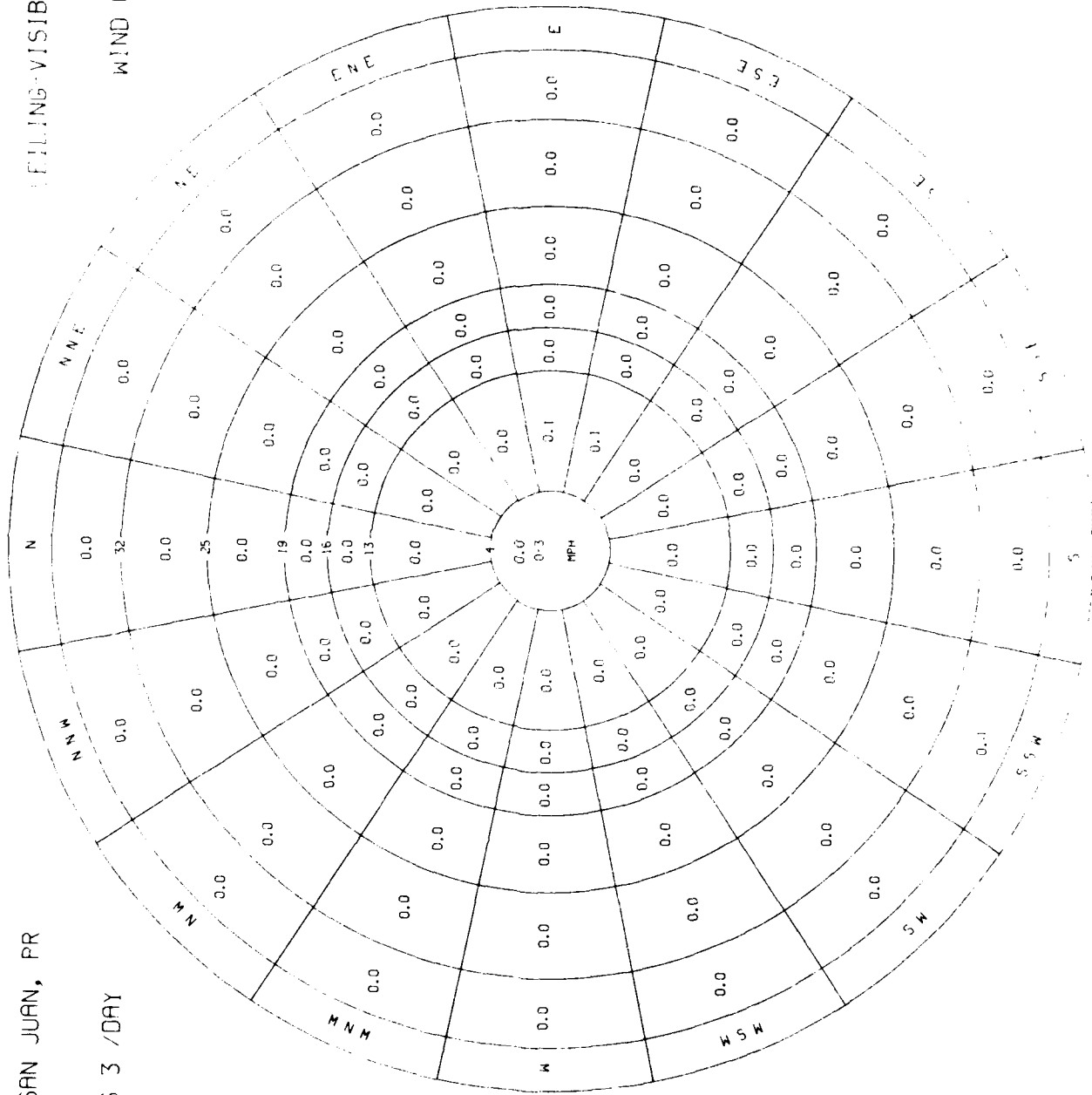
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.0	.0	1.9	.0	.5	.0	.0	.0	1.0	.0	.0	.0	.0	.0 3.4
NNE	.0	.0	.0	1.4	.0	1.0	.0	1.0	.0	1.0	.0	.0	.0	.0	.0 4.3
NE	.0	.0	.0	2.9	.0	.5	.0	1.4	.0	1.0	.0	.5	.0	.0	.0 6.3
ENE	.0	.5	.1	8.2	.0	1.9	.0	3.8	.0	1.0	.0	.0	.0	.0	.1 15.4
E	.0	1.0	.1	11.1	.0	2.9	.0	1.4	.0	.0	.0	.0	.0	.0	.1 16.3
ESE	.0	.0	.1	12.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 13.0
SE	.0	.0	.1	9.6	.0	.5	.0	.5	.0	.5	.0	.0	.0	.0	.1 11.1
SSE	.0	1.0	.0	6.3	.0	.5	.0	.0	.0	.0	.0	.0	.5	.0	.1 8.2
S	.0	.5	.0	5.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 5.8
SSW	.0	.0	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.4
SW	.0	.0	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.4
WSW	.0	.0	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.9
W	.0	.0	.0	.5	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.4
WNW	.0	.5	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.4
NW	.0	.0	.0	.5	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.4
NNW	.0	.0	.0	1.4	.0	.5	.0	.0	.0	.0	.0	.5	.0	.0	.0 2.4
CALM	.0	2.9													.0 2.9
TOTAL	.0	6.3	.4	68.8	.1	11.1	.1	8.2	.0	4.3	.0	1.0	.0	.5	.6 100
															9.8

SJU SAN JUAN, PR

CLASS 3 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SJU SAN JUAN, PR

PERIOD: 1956-1978

CLASS 3 / DAY

STATION NUMBER: 11641

NO. OBS.: 186

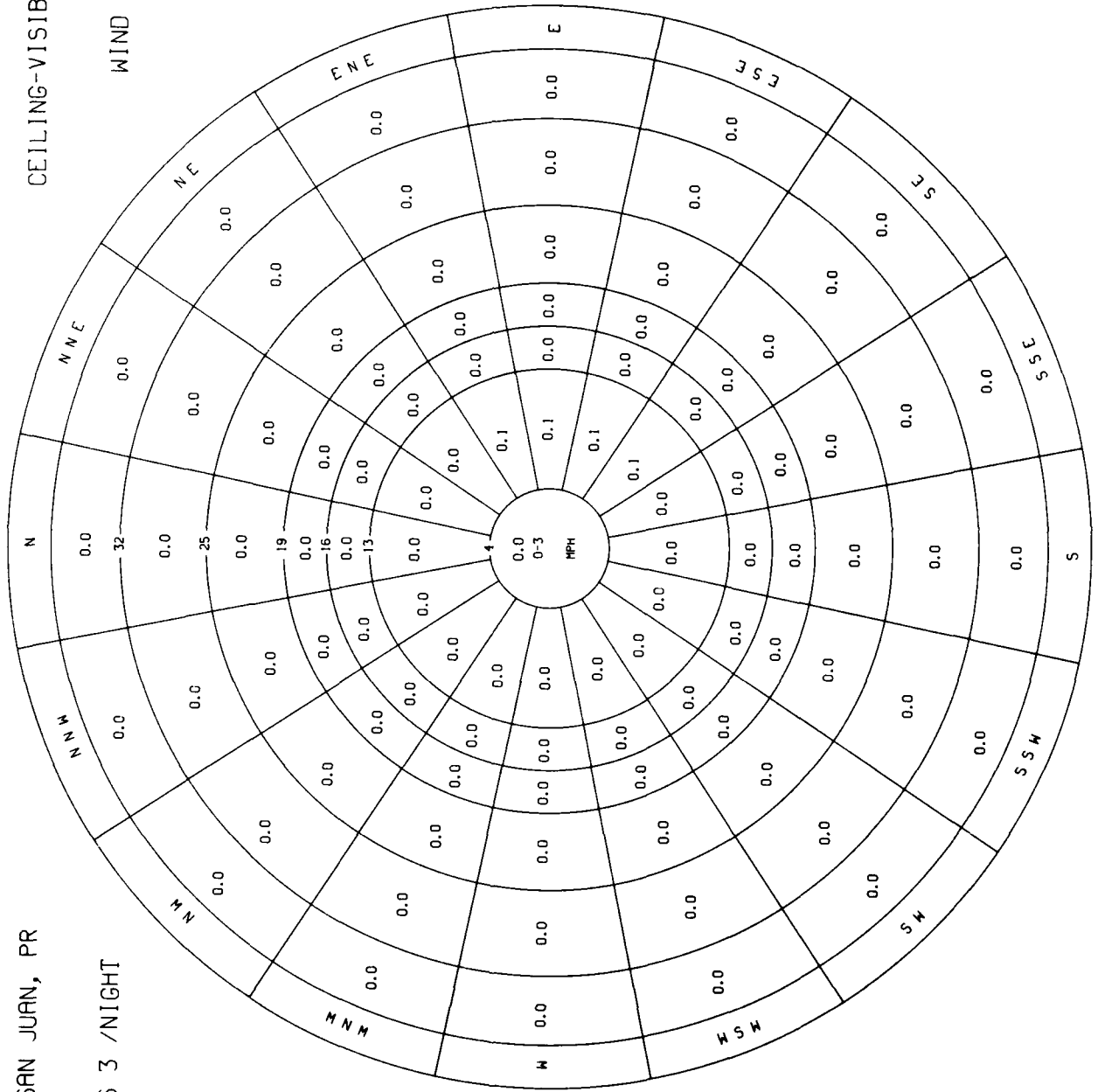
D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			
N	.0	.0	.0	.0	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	1.1
NNE	.0	.0	.0	1.1	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7
NE	.0	.0	.0	2.7	.0	2.2	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	7.5
ENE	.0	.0	.0	8.6	.0	2.7	.0	3.2	.0	1.6	.0	.5	.0	.0	.0	.1	16.7
E	.0	.0	.1	9.1	.0	4.3	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.1	15.1
ESE	.0	.0	.1	14.5	.0	2.2	.0	1.6	.0	.5	.0	.0	.0	.0	.0	.1	18.8
SE	.0	.0	.0	7.0	.0	1.1	.0	1.1	.0	.5	.0	.0	.0	.0	.0	.1	9.7
SSE	.0	.0	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7
S	.0	.5	.0	5.4	.0	1.1	.0	1.1	.0	.0	.5	.0	.0	.0	.0	.0	8.1
SSW	.0	.0	.0	1.1	.0	.0	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	2.2
SW	.0	.0	.0	1.6	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2
WSW	.0	.0	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7
W	.0	.0	.0	3.2	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1
NNW	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1
CALM	.0	4.8														.0	4.8
TOTAL	.0	5.4	.3	61.8	.1	16.7	.1	12.4	.0	3.2	.0	.5	.0	.0	.0	.6	10.7

SJU SAN JUAN, PR

CLASS 3 / NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SJU SAN JUAN, PR

PERIOD: 1956-1978

CLASS 3 / NIGHT

STATION NUMBER: 11641

NO. OBS.: 205

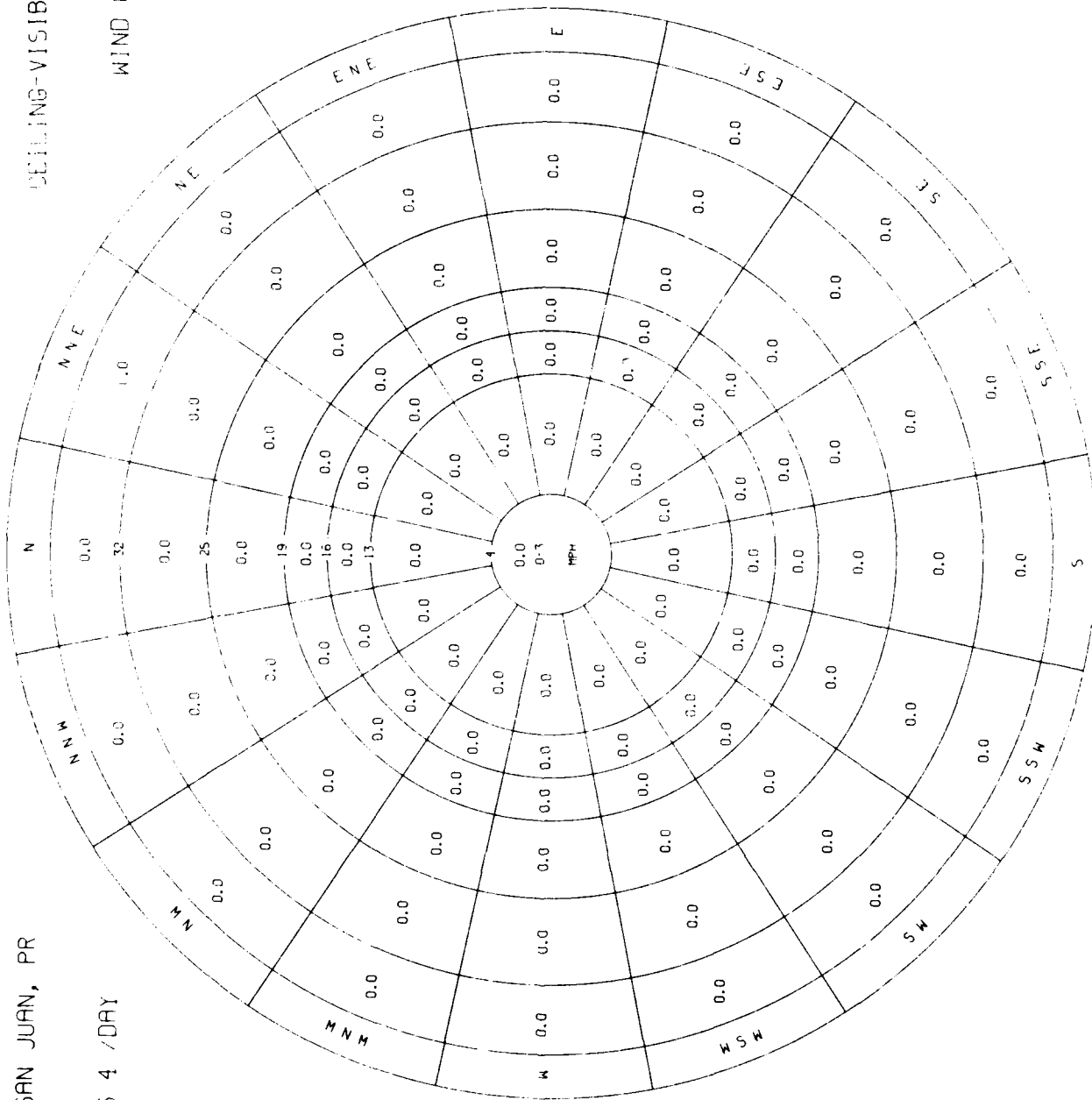
D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	.0	.0	.0	2.0	.0	.5	.0	.0	.0	1.0	.0	.0	.0	.0	.0	3.4	
NNE	.0	.0	.0	1.5	.0	1.0	.0	1.0	.0	1.0	.0	.0	.0	.0	.0	4.4	
NE	.0	.0	.0	2.9	.0	.5	.0	1.5	.0	1.0	.0	.5	.0	.0	.0	6.3	
ENE	.0	.5	.1	8.3	.0	2.0	.0	3.9	.0	1.0	.0	.0	.0	.0	.1	15.6	
E	.0	1.0	.1	11.2	.0	2.4	.0	1.5	.0	.0	.0	.0	.0	.0	.1	16.1	
ESE	.0	.0	.1	12.2	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	13.2	
SE	.0	.0	.1	9.8	.0	.5	.0	.5	.0	.5	.0	.0	.0	.0	.1	11.2	
SSE	.0	1.0	.0	5.9	.0	.5	.0	.0	.0	.0	.0	.0	.0	.5	.0	7.8	
S	.0	.5	.0	4.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.4	
SSW	.0	.0	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	
SW	.0	.0	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	
WSW	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	
W	.0	.0	.0	.5	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	
WNW	.0	.5	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	
NW	.0	.0	.0	.5	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	
NNW	.0	.0	.0	1.5	.0	.5	.0	.0	.0	.0	.0	.5	.0	.0	.0	2.4	
CALM	.0	2.9														2.9	
TOTAL	.0	6.3	.4	68.8	.1	10.7	.1	8.3	.0	4.4	.0	1.0	.0	.5	.6	100	
																9.8	

SJU SAN JUAN, PR

CLASS 4 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1956-1978

STATION NAME: SJU SAN JUAN, PR

CLASS 4 / DAY

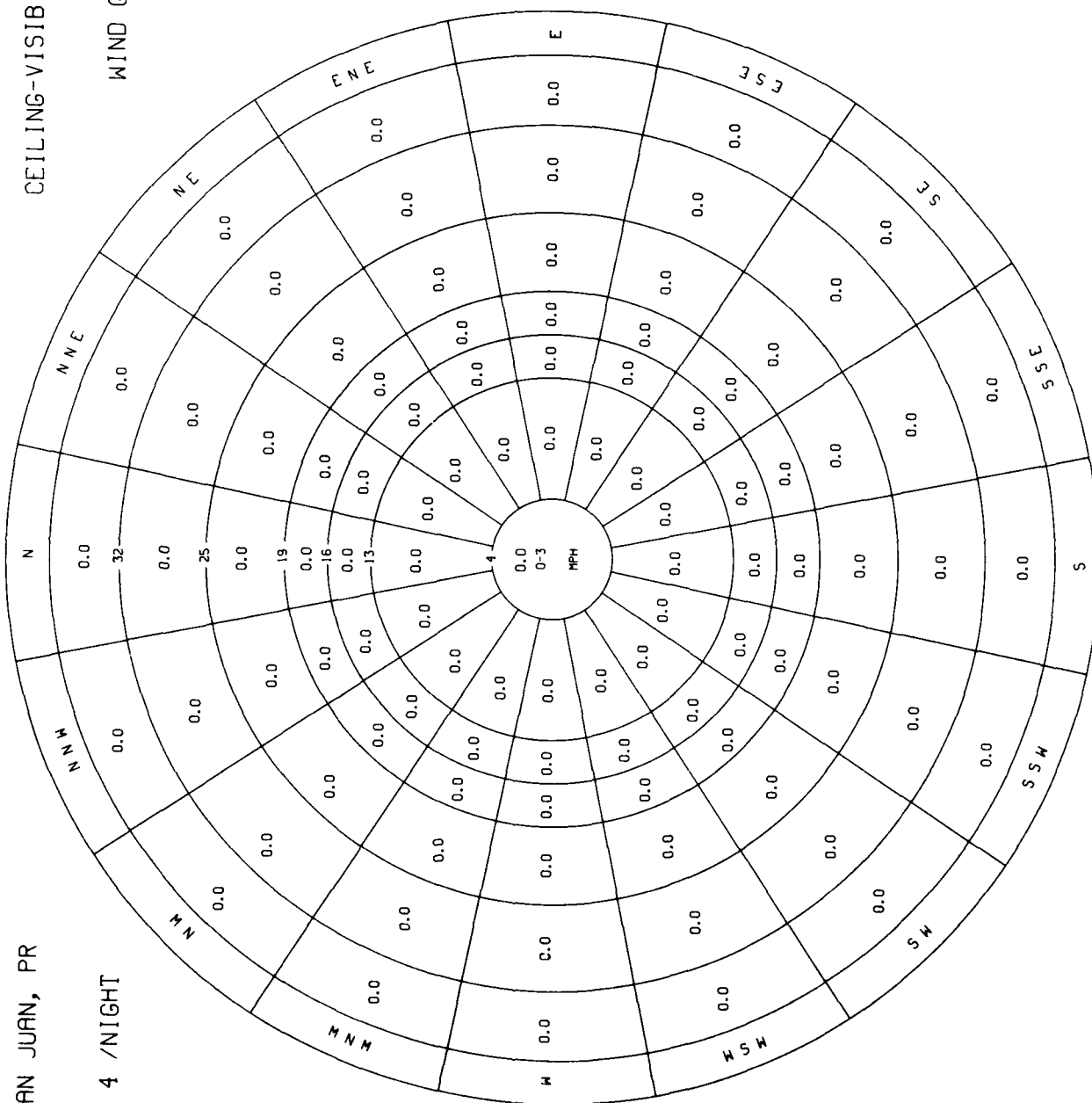
NO. OBS.: 13

STATION NUMBER: 11641

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNE	.0	.0	.0	.0	.0	.0	.0	7.7	.0	.0	.0	.0	.0	.0	.0	7.7	16.0
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.7	.0	7.7	48.0
ENE	.0	.0	.0	7.7	.0	.0	.0	7.7	.0	.0	.0	.0	.0	.0	.0	15.4	11.0
E	.0	7.7	.0	7.7	.0	7.7	.0	7.7	.0	.0	.0	.0	.0	.0	.0	30.8	11.0
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.7	.0	.0	.0	.0	.0	7.7	20.0
SE	.0	.0	.0	15.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15.4	8.5
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.7	.0	.0	.0	.0	.0	7.7	20.0
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	.0	.0	.0	7.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.7	5.0
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	.0														.0	.0
TOTAL	.0	7.7	.0	28.5	.0	7.7	.0	23.1	.0	15.4	.0	.0	.0	7.7	.0	100	14.8

CEILING-VISIBILITY

WIND GRAPH



SJU SAN JUAN, PR

CLASS 4 / NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SJU SAN JUAN, PR

PERIOD: 1956-1978

CLASS 4 / NIGHT

STATION NUMBER: 11641

NO. OBS.: 1

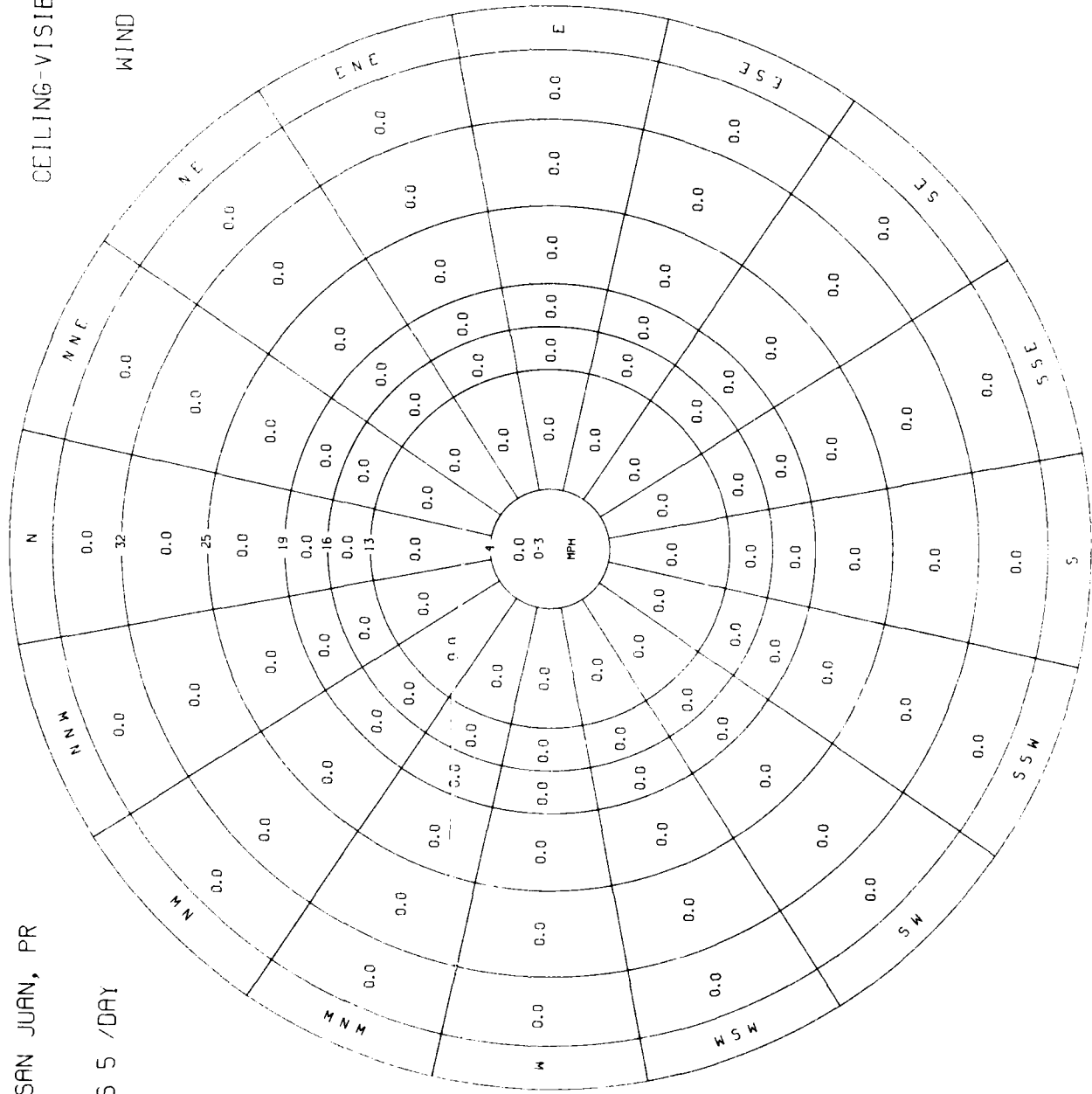
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
E	.0	.0	.0	.0	.0100.0	.0	.0	.0	.0	.0	.0	.0	.0	.0100.0	14.0
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	.0													
TOTAL	.0	.0	.0	.0	.0100.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.0

SJU SAN JUAN, PR

CLASS 5 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SJU SAN JUAN, PR

PERIOD: 1956-1978

CLASS 5 / DAY

STATION NUMBER: 11641

NO. OBS.: 0

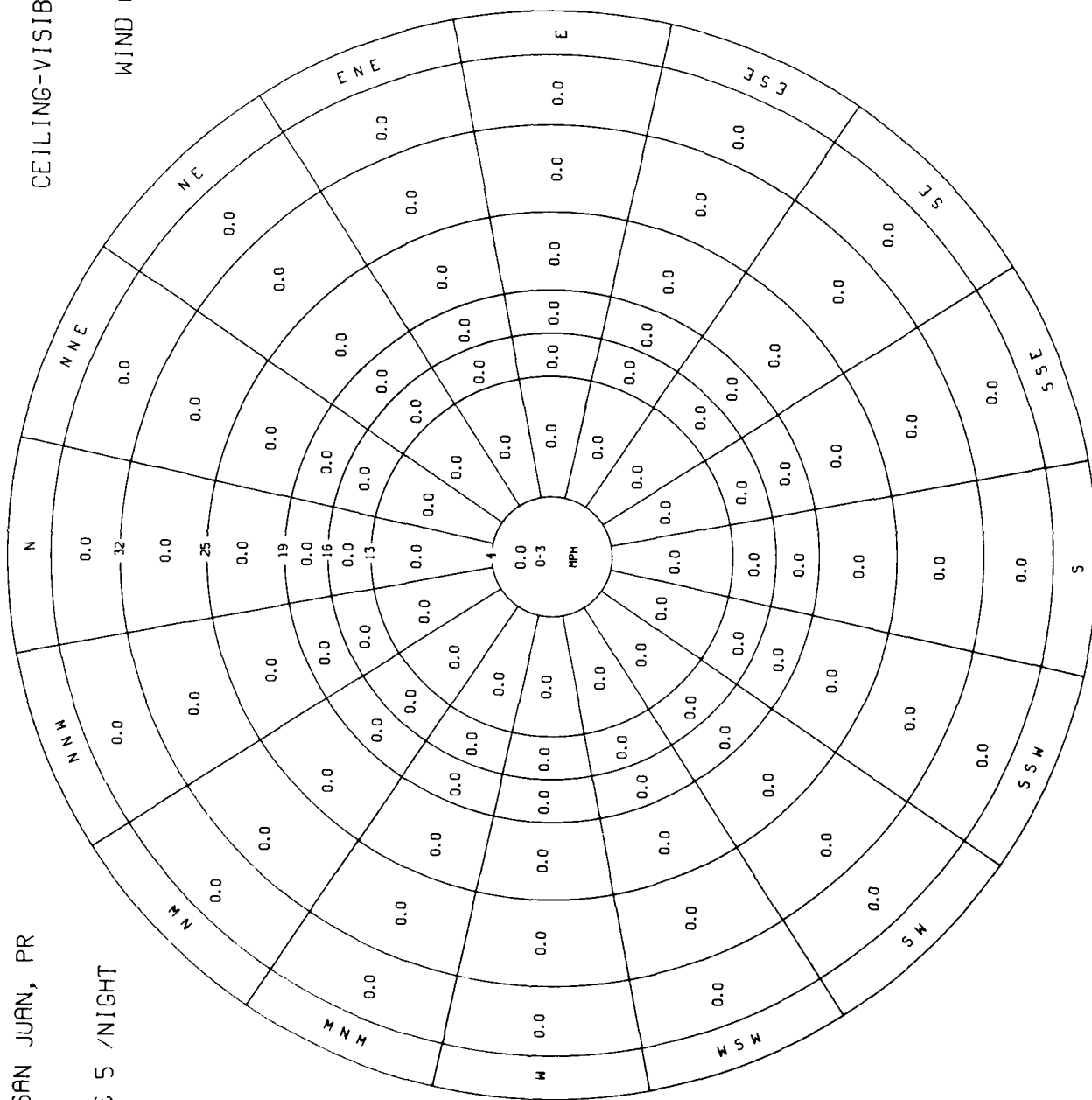
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	.0													.0
TOTAL	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

SJU SAN JUAN, PR

CLASS 5 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1956-1978

STATION NAME: SJU SAN JUAN, PR

CLASS 5 / NIGHT

NO. OBS.: 0

STATION NUMBER: 11641

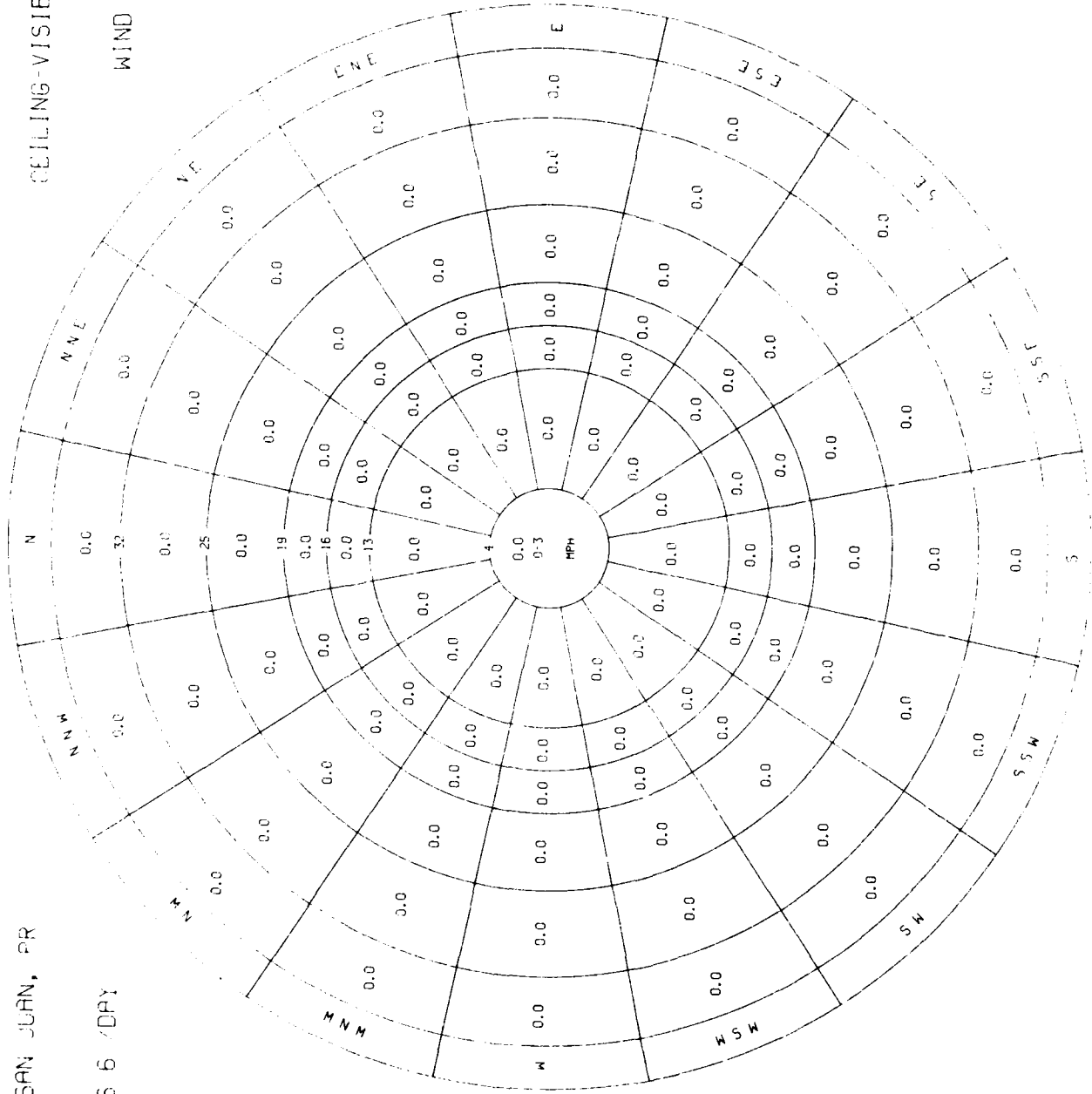
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	.0													.0
TOTAL	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

SJU SAN JUAN, PR

CLASS 6 / DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1956-1978

STATION NAME: SAN JUAN, PR

CLASS 6 / DAY

NO. OBS.: 1

STATION NUMBER: 11641

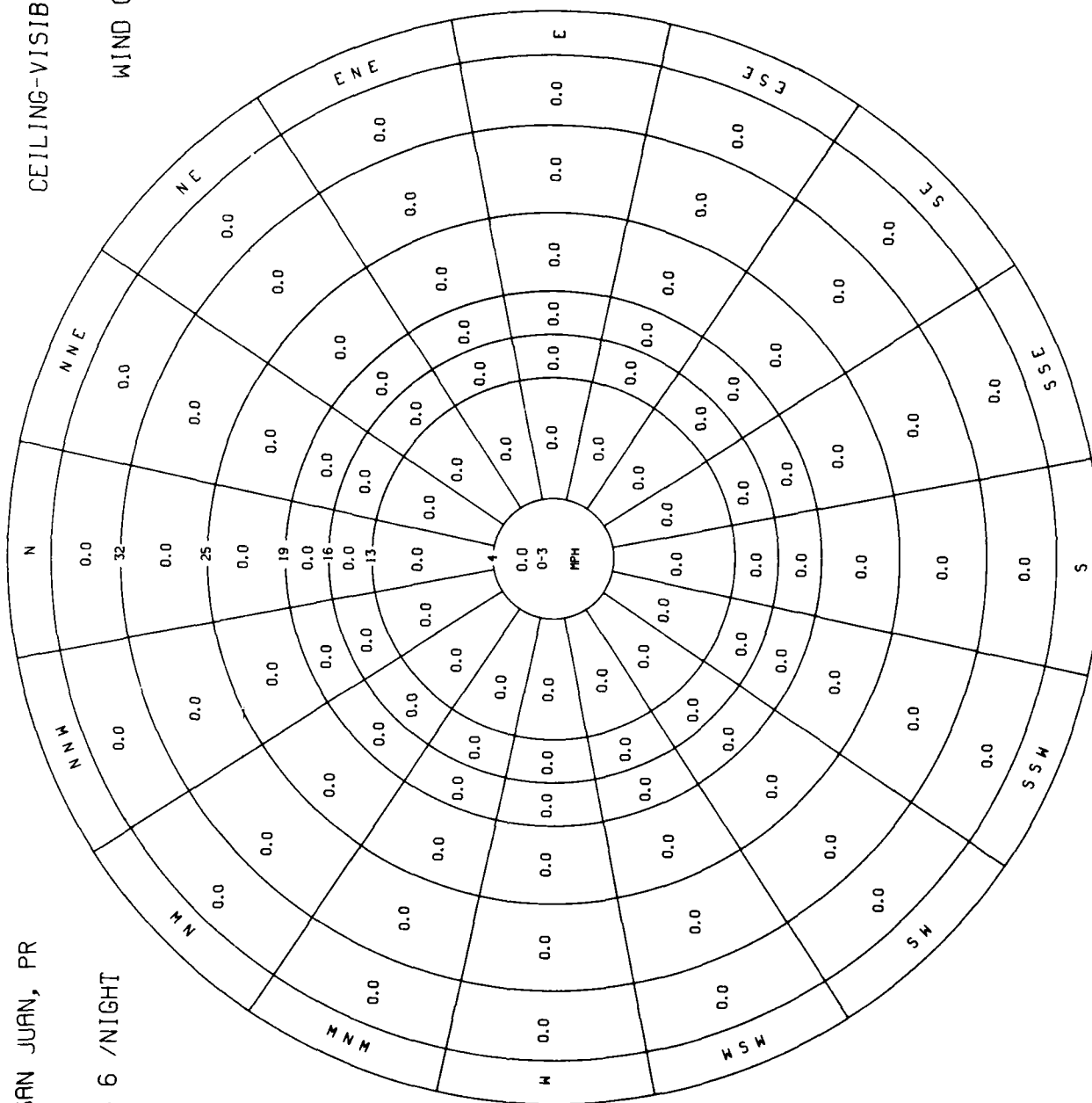
DIR	SPEED GROUPS (MPH)																TOTAL	AUG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+					
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D		
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
ENE	.0	.0	.0	.0	.0100.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0100.0	.0	.0	
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOTAL	.0	.0	.0	.0	.0100.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	13.0	

SJU SAN JUAN, PR

CLASS 6 /NIGHT

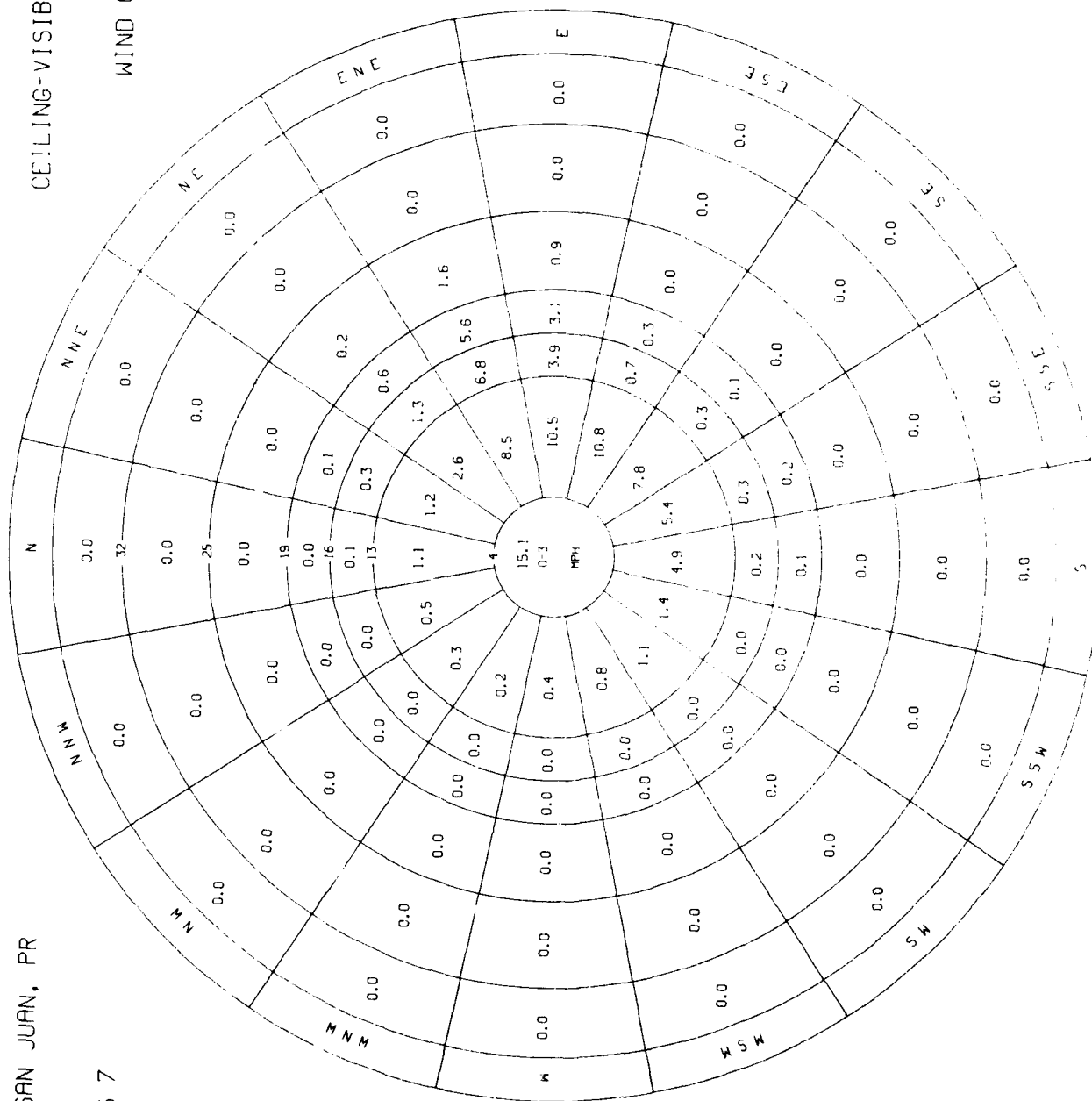
CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY

WIND GRAPH

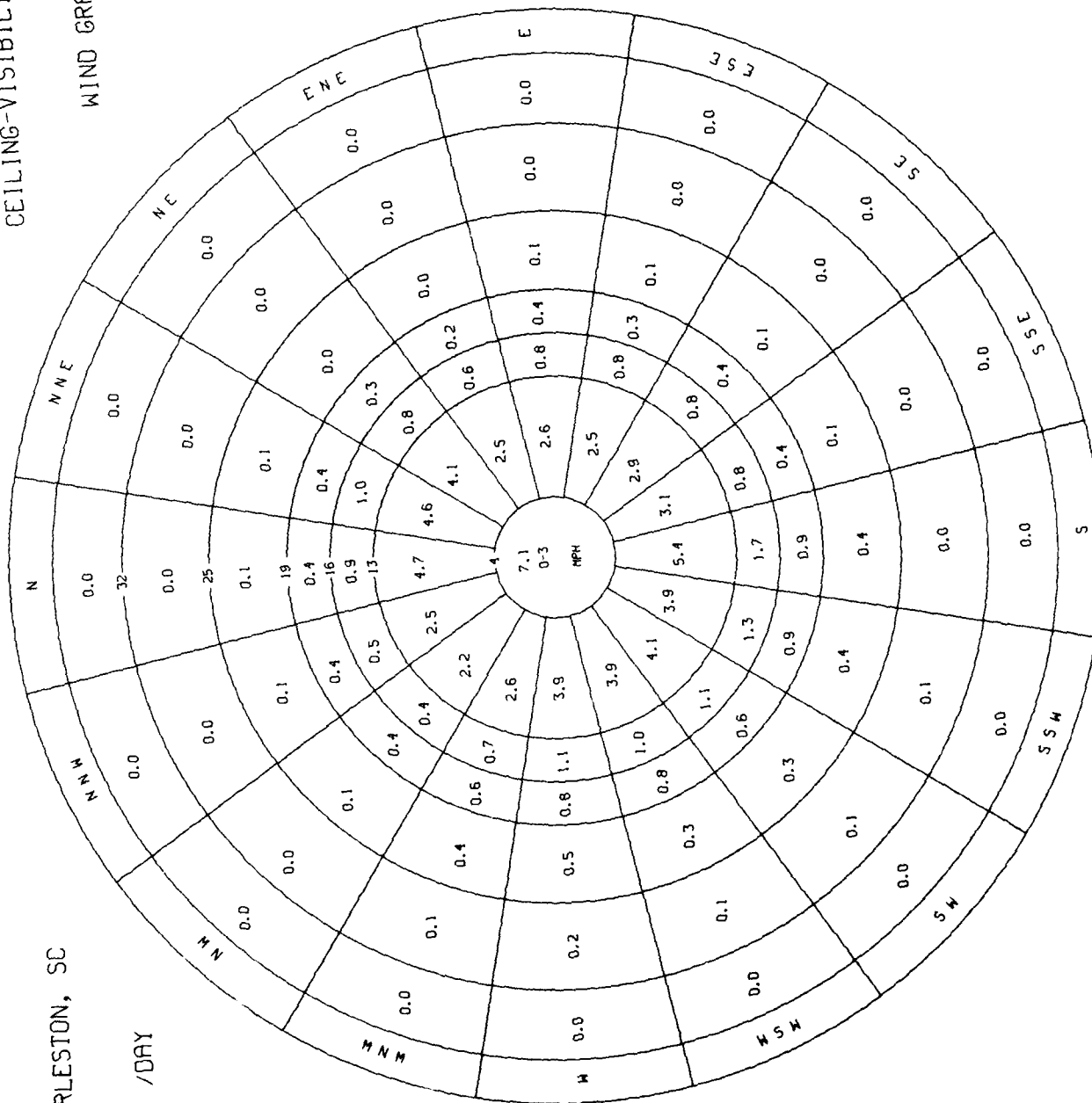


CEILING-VISIBILITY

WIND GRAPH

CHS CHARLESTON, SC

CLASS 1 /DAY



PRECEDING PAGE BLANK-NOT FILLED

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: CHS CHARLESTON, SC

PERIOD: 1948-1978

CLASS 1 / DAY

STATION NUMBER: 13880

NO. OBS.: 44408

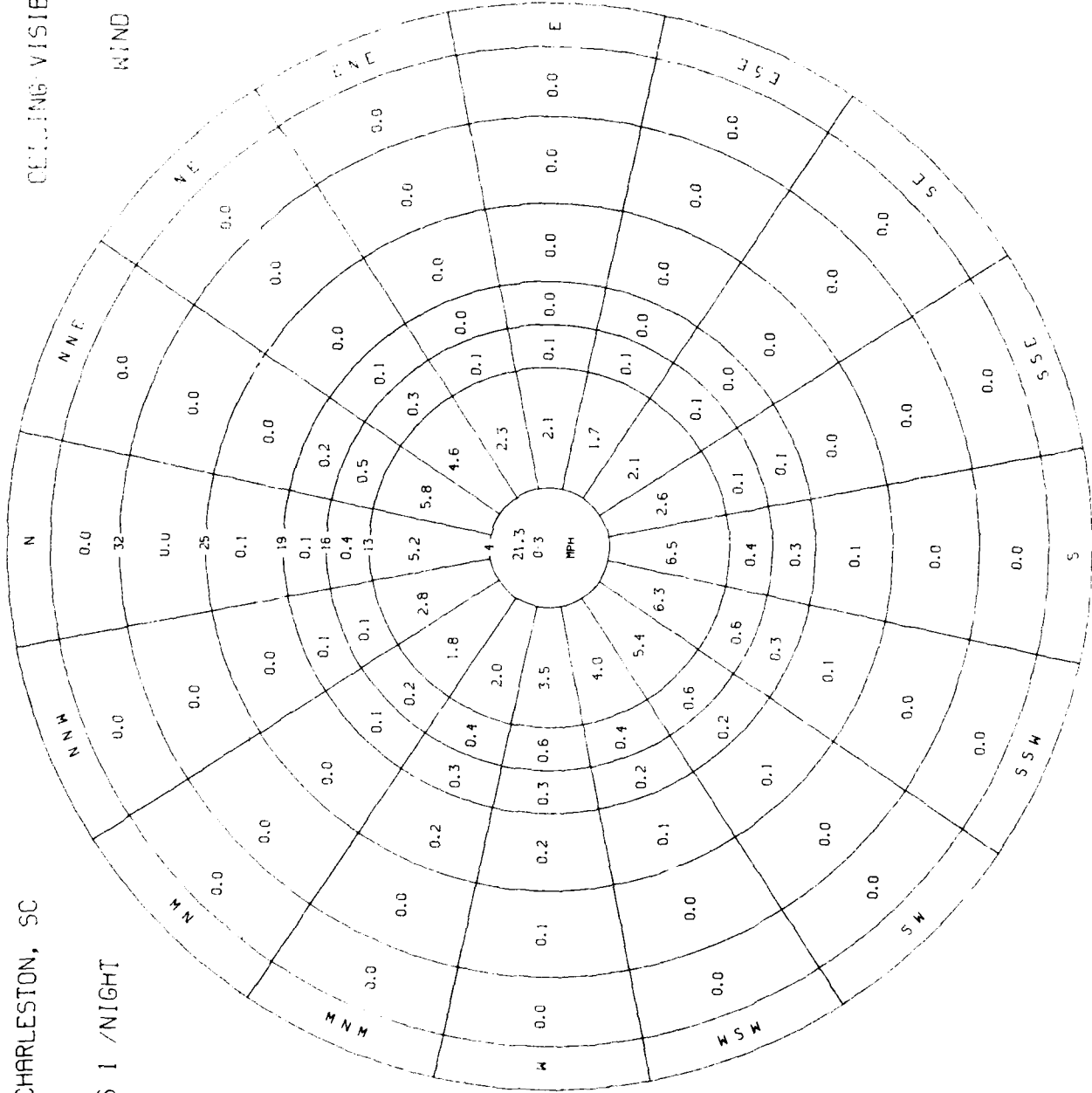
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.6	.7	4.7	5.3	.9	1.0	.4	.5	.1	.2	.0	.0	.0	.0	6.7 7.6
NNE	.4	.4	4.6	5.2	1.0	1.2	.4	.5	.1	.1	.0	.0	.0	.0	6.6 7.4
NE	.4	.4	4.1	4.6	.8	1.0	.3	.3	.0	.1	.0	.0	.0	.0	5.7 6.4
ENE	.2	.3	2.5	2.8	.6	.7	.2	.3	.0	.0	.0	.0	.0	.0	3.6 4.1
E	.2	.3	2.6	2.9	.8	.9	.4	.4	.1	.1	.0	.0	.0	.0	4.0 4.5
ESE	.2	.3	2.5	2.8	.8	.9	.3	.4	.1	.1	.0	.0	.0	.0	3.9 4.4
SE	.2	.2	2.9	3.2	.8	.9	.4	.4	.1	.1	.0	.0	.0	.0	4.3 4.8
SSE	.3	.3	3.1	3.5	.8	.9	.4	.5	.1	.1	.0	.0	.0	.0	4.7 5.3
S	.3	.4	5.4	6.1	1.7	1.9	.9	1.0	.4	.4	.0	.0	.0	.0	8.7 9.8
SSW	.3	.3	3.9	4.4	1.3	1.5	.9	1.0	.4	.5	.1	.1	.0	.0	6.8 7.7
SW	.3	.3	4.1	4.6	1.1	1.2	.6	.6	.3	.3	.1	.1	.0	.0	6.4 7.2
WSW	.2	.3	3.9	4.4	1.0	1.2	.8	.8	.3	.4	.1	.1	.0	.0	6.4 7.2
W	.2	.3	3.9	4.4	1.1	1.2	.8	.9	.5	.6	.2	.2	.0	.0	6.8 7.7
WNW	.2	.3	2.6	2.9	.7	.8	.6	.6	.4	.4	.1	.1	.0	.0	4.6 5.2
NW	.3	.3	2.2	2.5	.4	.5	.4	.4	.1	.1	.0	.0	.0	.0	3.4 3.9
NNW	.3	.4	2.5	2.8	.5	.6	.4	.4	.1	.1	.0	.0	.0	.0	3.8 4.3
CALM	2.4	2.7													2.4 2.7
TOTAL	7.1	8.0	55.5	62.5	14.4	16.2	8.1	9.1	3.1	3.5	.6	.7	.1	.1	88.8 100 10.2

CHS CHARLESTON, SC

CLASS 1 / NIGHT

CEILING VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: CHS CHARLESTON, SC

PERIOD: 1948-1978

CLASS 1 / NIGHT

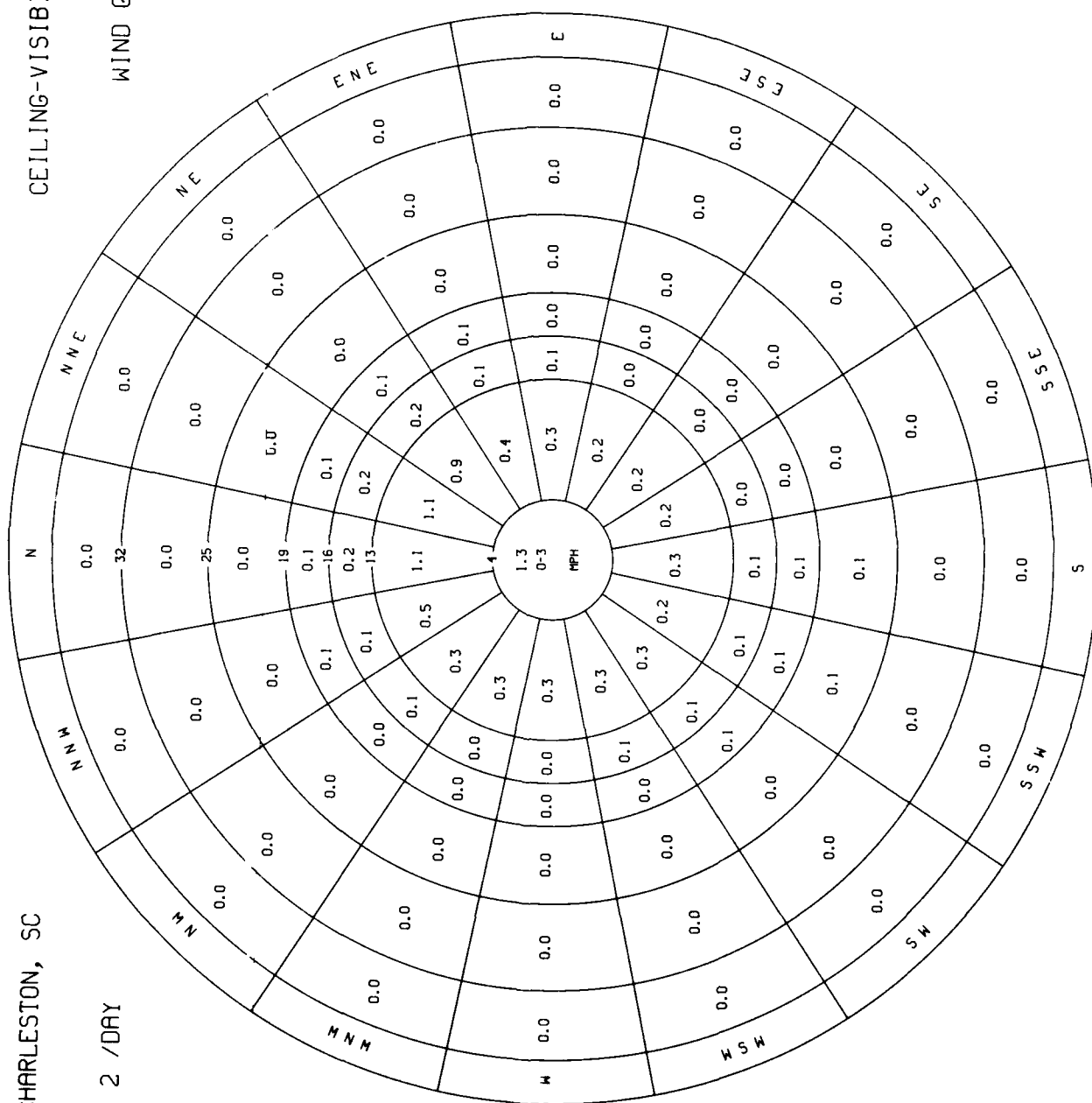
STATION NUMBER: 13880

NO. OBS.: 35857

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	1.3	1.5	5.2	5.9	.4	.4	.1	.2	.1	.1	.0	.0	.0	.0	7.1	8.0	7.2
NNE	1.0	1.1	5.8	6.5	.5	.6	.2	.2	.0	.0	.0	.0	.0	.0	7.5	8.5	7.6
NE	.8	.9	4.6	5.2	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	5.8	6.6	7.3
ENE	.4	.5	2.3	2.6	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.9	3.3	7.1
E	.5	.5	2.1	2.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.7	3.0	6.7
ESE	.4	.5	1.7	1.9	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.2	2.5	6.5
SE	.6	.7	2.1	2.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.8	3.1	6.3
SSE	.8	.9	2.6	2.9	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	3.6	4.1	6.5
S	1.6	1.8	6.5	7.3	.4	.5	.3	.3	.1	.1	.0	.0	.0	.0	8.9	10.1	7.3
SSW	.8	.9	6.3	7.1	.6	.7	.3	.3	.1	.2	.0	.1	.0	.0	8.2	9.3	8.5
SW	.6	.7	5.4	6.1	.6	.7	.2	.2	.1	.1	.0	.0	.0	.0	6.9	7.8	8.4
WSW	.4	.5	4.0	4.5	.4	.4	.2	.2	.1	.1	.0	.0	.0	.0	5.1	5.7	8.5
W	.6	.6	3.5	4.0	.6	.6	.3	.4	.2	.2	.1	.1	.0	.0	5.2	5.9	9.4
WNW	.4	.4	2.0	2.3	.4	.4	.3	.3	.2	.2	.0	.0	.0	.0	3.3	3.7	9.9
NW	.4	.5	1.8	2.1	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	2.5	2.9	7.6
NNW	.6	.7	2.8	3.2	.1	.2	.1	.1	.0	.1	.0	.0	.0	.0	3.7	4.2	7.0
CALM	10.0	11.3													10.0	11.3	
TOTAL	21.3	24.0	58.7	66.4	4.9	5.6	2.3	2.6	1.0	1.1	.2	.3	.0	.0	88.5	100	6.9

CHS CHARLESTON, SC

CLASS 2 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: CHS CHARLESTON, SC

PERIOD: 1948-1978

CLASS 2 / DAY

STATION NUMBER: 13880

NO. OBS.: 5614

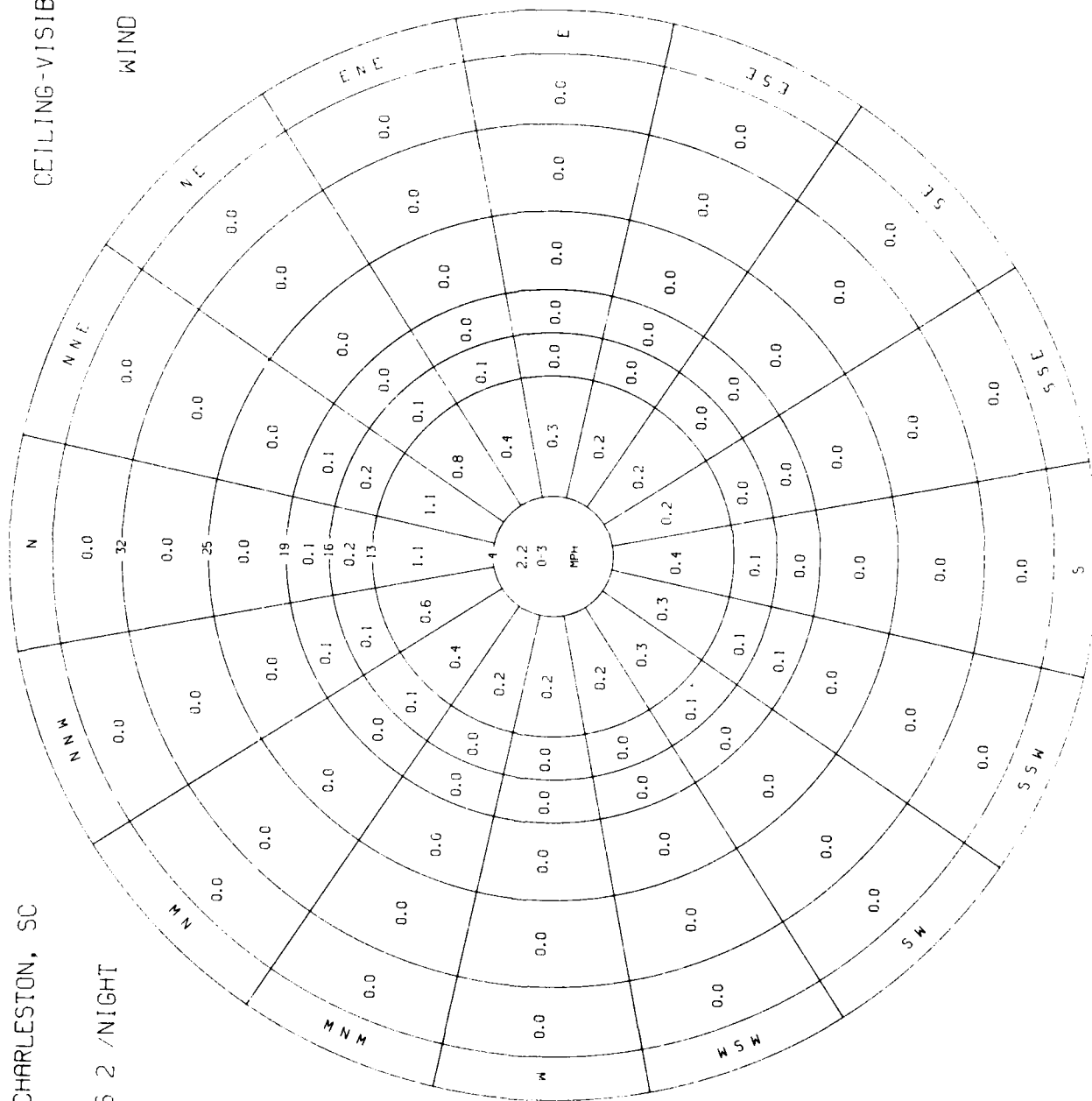
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.1	1.0	1.1	10.2	.2	2.0	.1	1.0	.0	.3	.0	.0	.0	.0	1.6 14.4
NNE	.1	.9	1.1	9.8	.2	2.1	.1	.9	.0	.2	.0	.0	.0	.0	1.6 14.0
NE	.1	.8	.9	8.1	.2	1.5	.1	.8	.0	.1	.0	.0	.0	.0	1.3 11.4
ENE	.0	.3	.4	3.7	.1	.7	.1	.6	.0	.0	.0	.0	.0	.0	.6 5.3
E	.0	.4	.3	2.8	.1	.5	.0	.3	.0	.1	.0	.0	.0	.0	.5 4.2
ESE	.0	.2	.2	2.1	.0	.4	.0	.2	.0	.1	.0	.0	.0	.0	.3 3.0
SE	.0	.3	.2	1.9	.0	.4	.0	.2	.0	.1	.0	.0	.0	.0	.3 2.8
SSE	.0	.3	.2	1.4	.0	.3	.0	.2	.0	.2	.0	.0	.0	.0	.3 2.4
S	.0	.4	.3	2.4	.1	.5	.1	.5	.1	.6	.0	.1	.0	.1	.5 4.6
SSW	.0	.2	.2	2.1	.1	.9	.1	.8	.1	.6	.0	.2	.0	.0	.6 5.0
SW	.0	.3	.3	2.5	.1	.7	.1	.7	.0	.3	.0	.1	.0	.0	.5 4.6
WSW	.0	.3	.3	2.7	.1	.5	.0	.3	.0	.1	.0	.0	.0	.0	.4 3.9
W	.0	.4	.3	3.1	.0	.4	.0	.4	.0	.2	.0	.0	.0	.0	.5 4.5
WNW	.0	.3	.3	2.4	.0	.4	.0	.3	.0	.2	.0	.1	.0	.0	.4 3.7
NW	.1	.5	.3	3.0	.1	.6	.0	.4	.0	.1	.0	.1	.0	.0	.5 4.6
NNW	.1	.5	.5	4.7	.1	1.1	.1	.5	.0	.1	.0	.0	.0	.0	.8 6.9
CALM	.5	4.7													.5 4.7
TOTAL	1.3	11.8	7.0	62.7	1.5	13.1	.9	8.1	.4	3.5	.1	.7	.0	.2	11.2 100

CHS CHARLESTON, SC

CLASS 2 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: CHS CHARLESTON, SC

PERIOD: 1948-1978

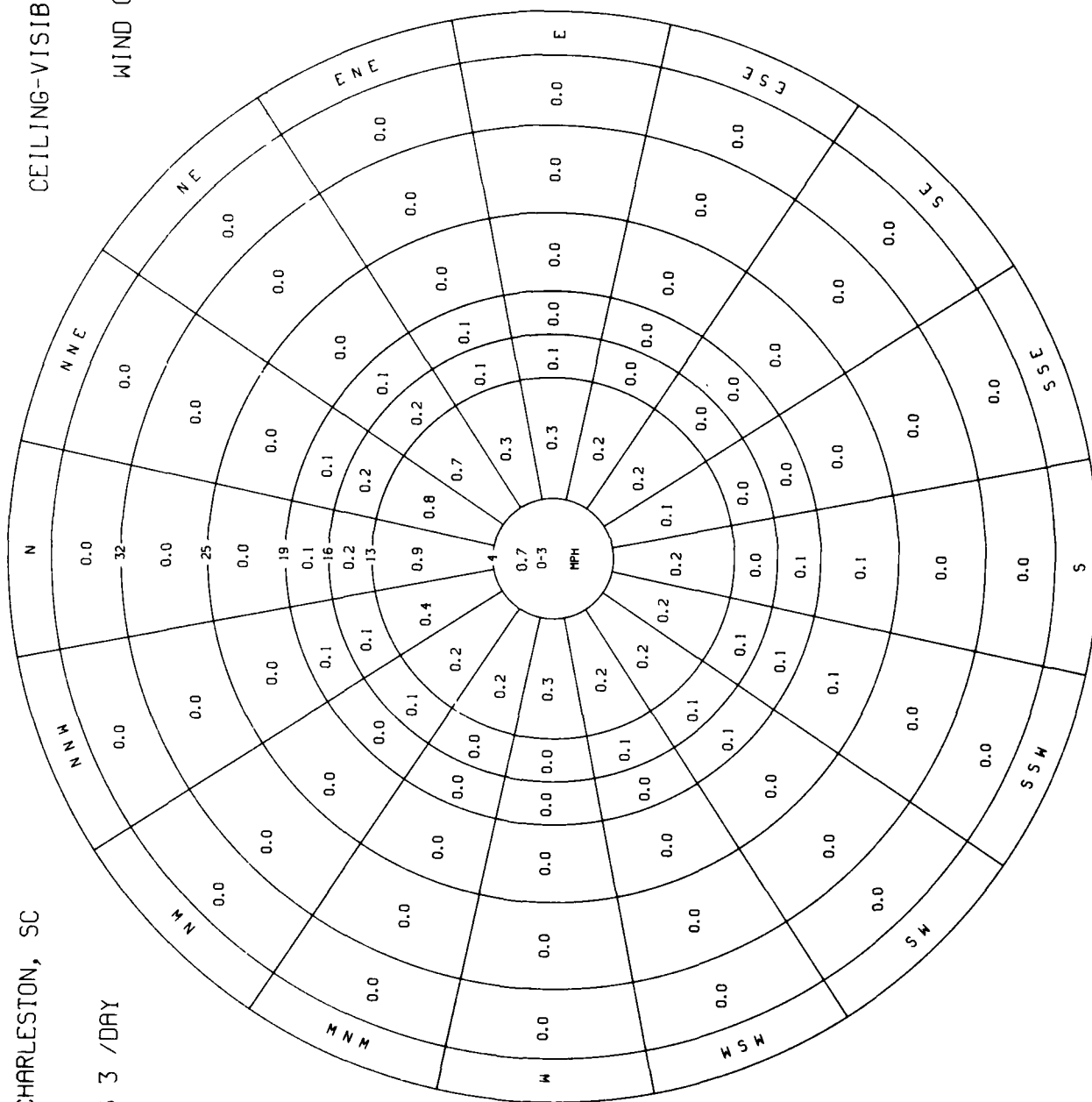
CLASS 2 / NIGHT

STATION NUMBER: 13880

NO. OBS.: 4679

D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	P	B	C		D
N	.1	1.2	1.1	9.4	.2	1.7	.1	.8	.0	.2	.0	.0	.0	.0	1.5	13.3	9.1
NNE	.1	1.3	1.1	9.8	.2	1.9	.1	.8	.0	.3	.0	.0	.0	.0	1.6	14.1	9.4
NE	.1	1.2	.8	6.7	.1	1.1	.0	.3	.0	.1	.0	.0	.0	.0	1.1	9.5	8.7
ENE	.0	.4	.4	3.7	.1	.9	.0	.3	.0	.1	.0	.0	.0	.0	.6	5.4	9.5
E	.0	.3	.3	2.6	.0	.4	.0	.2	.0	.1	.0	.0	.0	.0	.4	3.5	8.8
ESE	.0	.4	.2	2.1	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.3	2.9	8.0
SE	.1	.7	.2	2.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.4	3.1	7.0
SSE	.0	.4	.2	1.6	.0	.1	.0	.3	.0	.1	.0	.0	.0	.0	.3	2.5	9.0
S	.1	.7	.4	3.0	.1	.5	.0	.3	.0	.3	.0	.1	.0	.0	.6	4.9	9.8
SSW	.1	.6	.3	2.8	.1	.9	.1	.7	.0	.3	.0	.1	.0	.0	.6	5.4	10.9
SW	.0	.4	.3	2.9	.1	.5	.0	.4	.0	.1	.0	.0	.0	.0	.5	4.2	9.5
WSW	.0	.3	.2	1.9	.0	.3	.0	.1	.0	.1	.0	.0	.0	.0	.3	2.8	9.4
W	.1	.5	.2	2.1	.0	.3	.0	.3	.0	.1	.0	.0	.0	.0	.4	3.3	9.0
WNW	.0	.4	.2	1.9	.0	.4	.0	.3	.0	.2	.0	.0	.0	.0	.4	3.1	9.6
NW	.1	.6	.4	3.4	.1	.8	.0	.3	.0	.1	.0	.0	.0	.0	.6	5.2	9.3
NNW	.1	.9	.6	5.4	.1	1.0	.1	.4	.0	.0	.0	.0	.0	.0	.9	7.7	8.8
CALM	1.1	9.1													1.1	9.1	
TOTAL	2.2	19.2	7.1	61.3	1.3	11.1	.7	5.7	.2	2.1	.1	.5	.0	.1	11.5	100	8.3

CHS CHARLESTON, SC
 CLASS 3 /DAY
 CEILING-VISIBILITY
 WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: CHS CHARLESTON, SC

PERIOD: 1948-1978

CLASS 3 / DAY

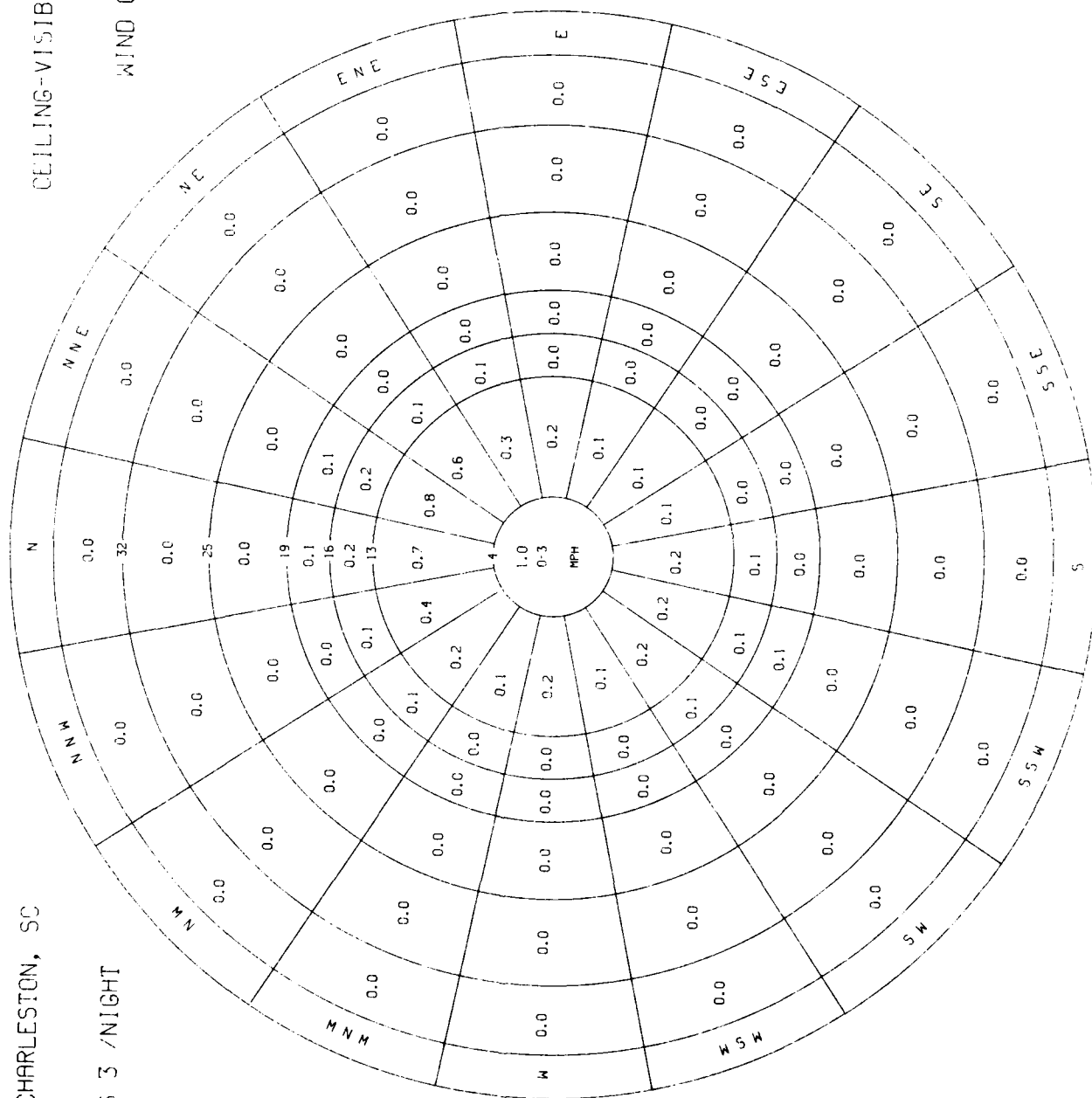
STATION NUMBER: 13880

NO. OBS.: 4431

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.1	.7	.9	9.8	.2	2.3	.1	1.2	.0	.4	.0	.0	.0	.0	1.3 14.3
NNE	.1	.7	.8	9.6	.2	2.5	.1	1.1	.0	.3	.0	.0	.0	.0	1.3 14.3
NE	.0	.5	.7	7.9	.2	1.9	.1	.9	.0	.2	.0	.0	.0	.0	1.0 11.4
ENE	.0	.2	.3	3.8	.1	.9	.1	.6	.0	.0	.0	.0	.0	.0	.5 5.6
E	.0	.3	.3	2.8	.1	.6	.0	.4	.0	.2	.0	.0	.0	.0	.4 4.3
ESE	.0	.1	.2	2.0	.0	.5	.0	.3	.0	.1	.0	.0	.0	.0	.3 3.0
SE	.0	.2	.2	1.8	.0	.4	.0	.2	.0	.1	.0	.0	.0	.0	.2 2.8
SSE	.0	.2	.1	1.4	.0	.4	.0	.3	.0	.2	.0	.0	.0	.0	.2 2.4
S	.0	.3	.2	2.4	.0	.6	.1	.6	.1	.7	.0	.2	.0	.1	.4 4.9
SSW	.0	.2	.2	2.1	.1	1.1	.1	1.0	.1	.7	.0	.3	.0	.0	.5 5.4
SW	.0	.3	.2	2.8	.1	.8	.1	.9	.0	.4	.0	.1	.0	.0	.5 5.2
WSW	.0	.2	.2	2.7	.1	.6	.0	.3	.0	.2	.0	.0	.0	.0	.4 4.0
W	.0	.2	.3	3.3	.0	.6	.0	.5	.0	.2	.0	.0	.0	.0	.4 4.8
WNW	.0	.2	.2	2.3	.0	.5	.0	.3	.0	.3	.0	.1	.0	.0	.3 3.6
NW	.0	.4	.2	2.7	.1	.7	.0	.5	.0	.1	.0	.1	.0	.0	.4 4.4
NNW	.0	.2	.4	4.1	.1	1.1	.1	.6	.0	.2	.0	.0	.0	.0	.6 6.2
CALM	.3	3.3													.3 3.3
TOTAL	.7	8.2	5.4	61.5	1.4	15.3	.9	9.7	.4	4.2	.1	.8	.0	.2	8.9 100

CEILING-VISIBILITY WIND GRAPH

CHS CHARLESTON, SC
CLASS 3 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: CHS CHARLESTON, SC

PERIOD: 1948-1978

CLASS 3 / NIGHT

STATION NUMBER: 13880

NO. OBS.: 3090

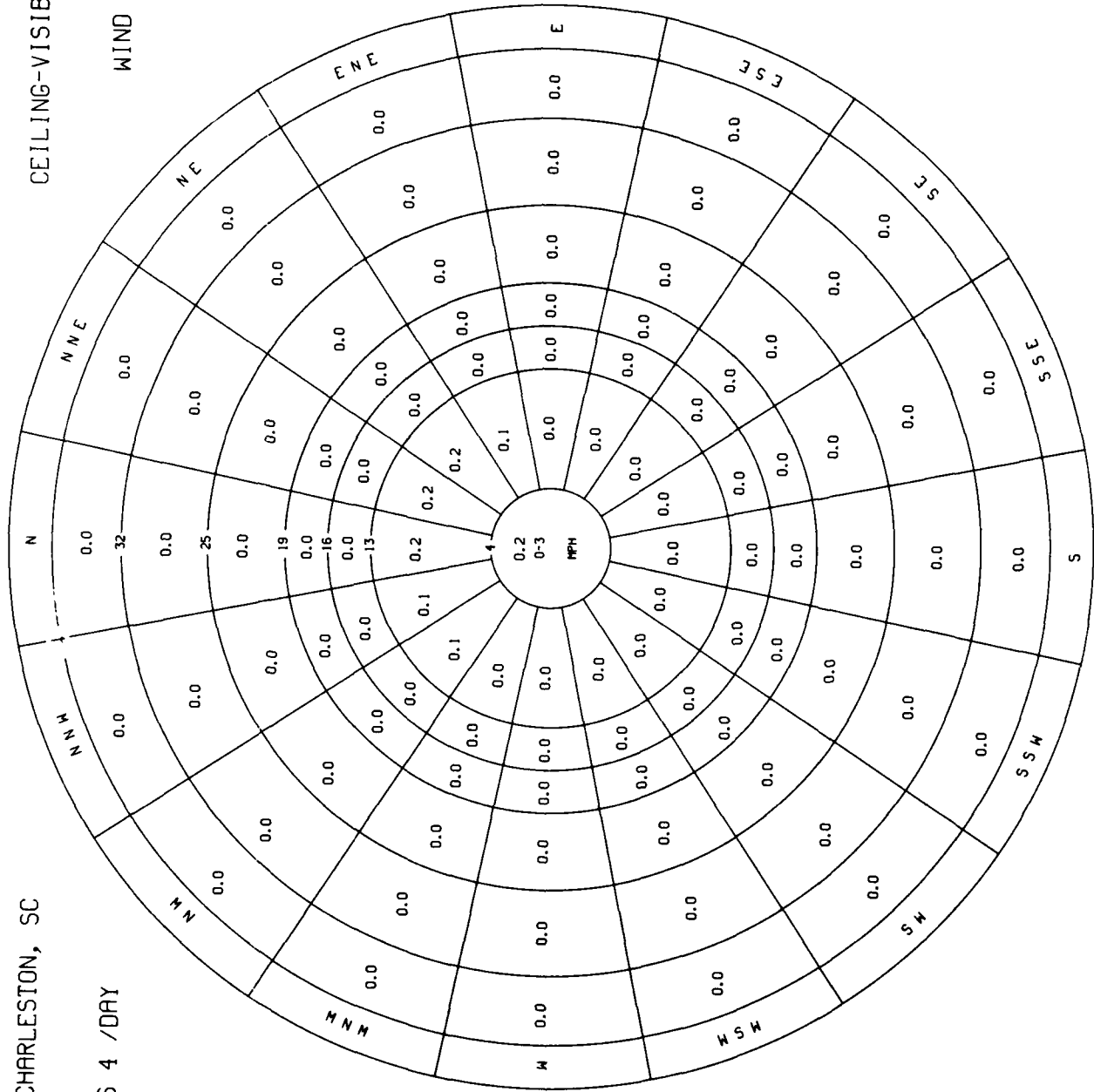
D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	.1	.9	.7	8.9	.2	2.2	.1	1.2	.0	.2	.0	.0	.0	.0	1.0	13.5	10.0
NNE	.1	.8	.8	11.0	.2	2.6	.1	1.2	.0	.4	.0	.1	.0	.0	1.2	16.1	10.2
NE	.1	1.0	.6	7.5	.1	1.6	.0	.5	.0	.1	.0	.0	.0	.0	.8	10.7	9.3
ENE	.0	.3	.3	4.0	.1	1.2	.0	.4	.0	.1	.0	.0	.0	.0	.5	6.0	10.2
E	.0	.4	.2	2.4	.0	.4	.0	.2	.0	.1	.0	.0	.0	.0	.3	3.5	9.4
ESE	.0	.4	.1	1.8	.0	.3	.0	.1	.0	.1	.0	.0	.0	.0	.2	2.7	8.6
SE	.0	.6	.1	1.8	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.2	2.9	7.7
SSE	.0	.3	.1	1.5	.0	.1	.0	.4	.0	.2	.0	.0	.0	.0	.2	2.6	10.3
S	.0	.6	.2	2.7	.1	.7	.0	.5	.0	.5	.0	.2	.0	.0	.4	5.1	11.3
SSW	.0	.4	.2	2.6	.1	1.1	.1	1.0	.0	.4	.0	.2	.0	.1	.4	5.7	12.3
SW	.0	.3	.2	2.8	.1	.7	.0	.6	.0	.2	.0	.0	.0	.0	.3	4.5	10.6
WSW	.0	.2	.1	1.7	.0	.4	.0	.2	.0	.2	.0	.0	.0	.0	.2	2.7	10.9
W	.0	.3	.2	2.0	.0	.4	.0	.4	.0	.1	.0	.0	.0	.0	.2	3.3	10.2
WNW	.0	.3	.1	1.4	.0	.6	.0	.1	.0	.3	.0	.0	.0	.0	.2	2.9	11.2
NW	.0	.4	.2	3.2	.1	1.1	.0	.4	.0	.2	.0	.0	.0	.0	.4	5.2	10.3
NNW	.0	.5	.4	4.8	.1	1.3	.0	.6	.0	.1	.0	.0	.0	.0	.6	7.3	9.8
CALM	.4	5.4													.4	5.4	
TOTAL	1.0	12.9	4.6	60.1	1.1	15.0	.6	8.2	.2	3.2	.1	.7	.0	.1	7.6	100	9.6

CHS CHARLESTON, SC

CLASS 4 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: CHS CHARLESTON, SC

PERIOD: 1948-1978

CLASS 4 / DAY

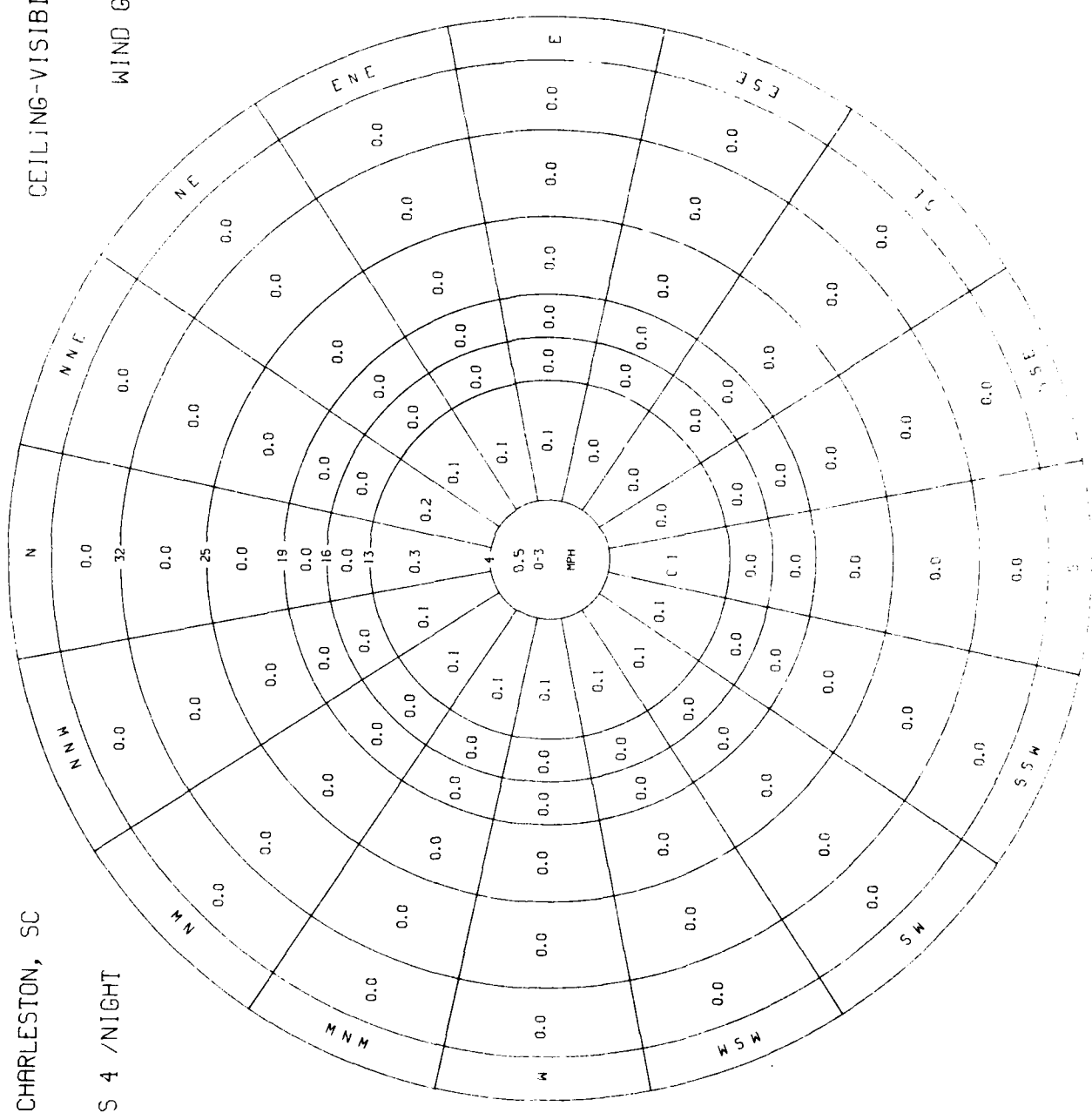
STATION NUMBER: 13880

NO. OBS.: 754

O I R	SPEED GROUPS (MPH)															AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL			
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D	
N	.0	.7	.2	13.0	.0	1.5	.0	.4	.0	.0	.0	.0	.0	.0	.0	.2	15.5	8.2
NNE	.0	1.2	.2	12.5	.0	.9	.0	.1	.0	.0	.0	.0	.0	.0	.0	.2	14.7	7.9
NE	.0	1.7	.2	11.1	.0	.4	.0	.3	.0	.1	.0	.0	.0	.0	.0	.2	13.7	7.8
ENE	.0	.4	.1	3.8	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.1	4.6	8.1
E	.0	.9	.0	2.8	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.8	6.3
ESE	.0	.3	.0	2.8	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	3.6	8.9
SE	.0	.4	.0	2.3	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	3.1	8.0
SSE	.0	.8	.0	1.6	.0	.0	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	2.8	7.1
S	.0	.3	.0	1.6	.0	.7	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	2.8	9.0
SSW	.0	.7	.0	1.9	.0	.4	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	3.3	9.1
SW	.0	.3	.0	1.2	.0	.4	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	2.1	9.8
WSW	.0	.1	.0	2.9	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.1	3.4	8.4
W	.0	.4	.0	2.5	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	3.2	8.6
WNW	.0	.5	.0	2.8	.0	.1	.0	.3	.0	.0	.0	.1	.0	.0	.0	.1	3.8	8.3
NW	.0	1.1	.1	4.2	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1	5.4	7.1
NNW	.0	1.2	.1	7.0	.0	1.3	.0	.1	.0	.1	.0	.0	.0	.0	.0	.1	9.8	8.2
CALM	.1	4.2														.1	4.2	
TOTAL	.2	15.1	1.1	74.0	.1	6.5	.0	3.2	.0	1.1	.0	.1	.0	.0	.0	1.5	100	7.7

CHS CHARLESTON, SC

CLASS 4 / NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: CHS CHARLESTON, SC

PERIOD: 1948-1978

CLASS 4 / NIGHT

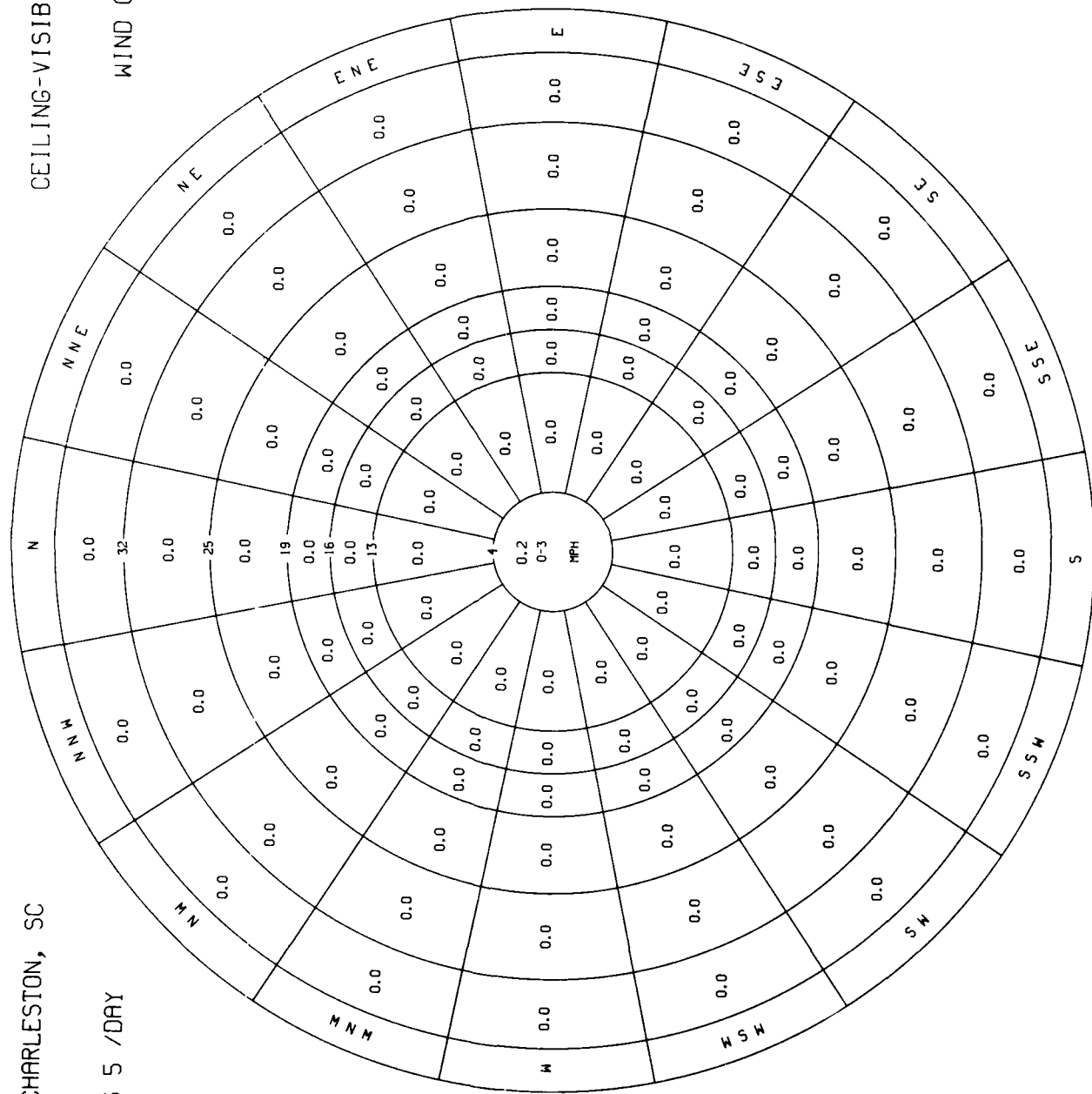
STATION NUMBER: 13880

NO OBS.: 886

DIR	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	1.1	.3	12.3	.0	1.0	.0	.1	.0	.1	.0	.0	.0	.0	.3 14.7
NNE	.0	1.9	.2	9.0	.0	.9	.0	.2	.0	.0	.0	.0	.0	.0	.3 12.1
NE	.0	1.1	.1	6.7	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.2 8.2
ENE	.0	.5	.1	3.3	.0	.7	.0	.1	.0	.0	.0	.0	.0	.0	.1 4.5
E	.0	.3	.1	3.6	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.1 4.3
ESE	.0	.1	.0	2.3	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.1 2.6
SE	.0	.8	.0	1.9	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1 2.8
SSE	.0	.1	.0	1.9	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.1
S	.0	.3	.1	3.6	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1 4.2
SSW	.0	.8	.1	2.8	.0	.7	.0	.1	.0	.0	.0	.0	.0	.0	.1 4.4
SW	.0	.7	.1	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 3.7
WSW	.0	.1	.1	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 3.0
W	.0	.5	.1	2.7	.0	.1	.0	.2	.0	.0	.0	.0	.0	.0	.1 3.5
WNW	.0	.8	.1	2.7	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.1 4.0
NW	.0	1.2	.1	4.4	.0	.5	.0	.2	.0	.0	.0	.0	.0	.0	.1 6.3
NNW	.0	1.7	.1	6.3	.0	.7	.0	.2	.0	.0	.0	.0	.0	.0	.2 8.9
CALM	.2	10.6													.2 10.6
TOTAL	.5	22.7	1.5	69.5	.1	5.8	.0	1.8	.0	.1	.0	.1	.0	.0	2.2 100
															6.9

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: CHS CHARLESTON, SC

PERIOD: 1948-1978

CLASS 5 / DAY

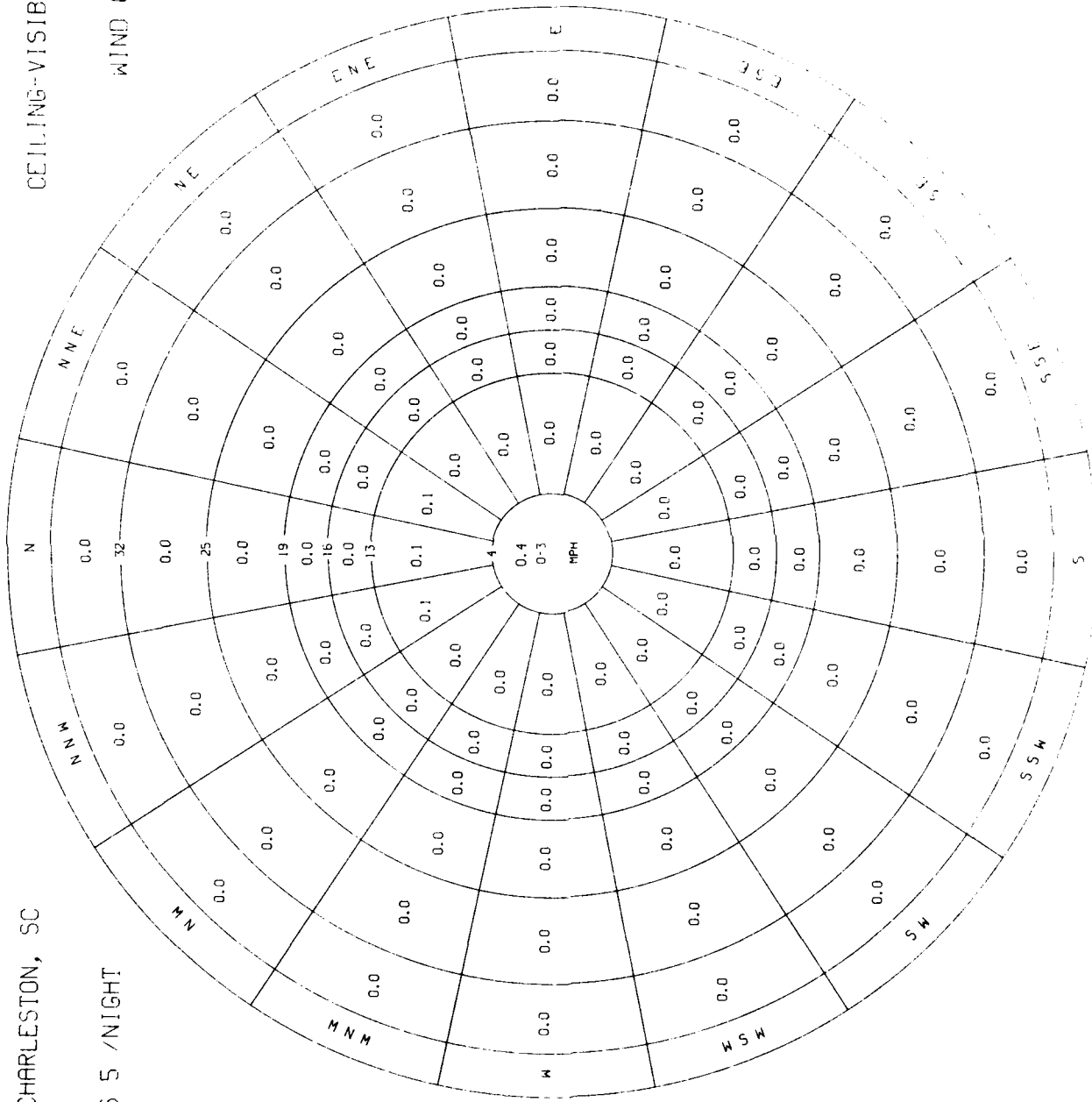
STATION NUMBER: 13880

NO. OBS.: 230

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	3.0	.0	8.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 11.7
NNE	.0	1.7	.0	10.9	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.1 13.0
NE	.0	3.0	.0	5.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 8.3
ENE	.0	.9	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.7
E	.0	.4	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.0
ESE	.0	.9	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.0
SE	.0	.9	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.4	.0	.0	.0 3.9
SSE	.0	.4	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.2
S	.0	1.3	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.9
SSW	.0	.4	.0	3.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.9
SW	.0	.4	.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.5
WSW	.0	.9	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.0
W	.0	.0	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.2
WNW	.0	.9	.0	3.9	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0 5.2
NW	.0	.0	.0	2.6	.0	.4	.0	.4	.0	.0	.0	.0	.0	.0	.0 3.5
NNW	.0	2.6	.0	7.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0 10.0
CALM	.1	17.8													.1 17.8
TOTAL	.2	35.7	.3	61.7	.0	1.7	.0	.4	.0	.0	.0	.4	.0	.0	.5 100

CEILING-VISIBILITY

WIND GRAPH



CHS CHARLESTON, SC

CLASS 5 / NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: CHS CHARLESTON, SC

PERIOD: 1948-1978

CLASS 5 / NIGHT

STATION NUMBER: 13880

NO. OBS.: 381

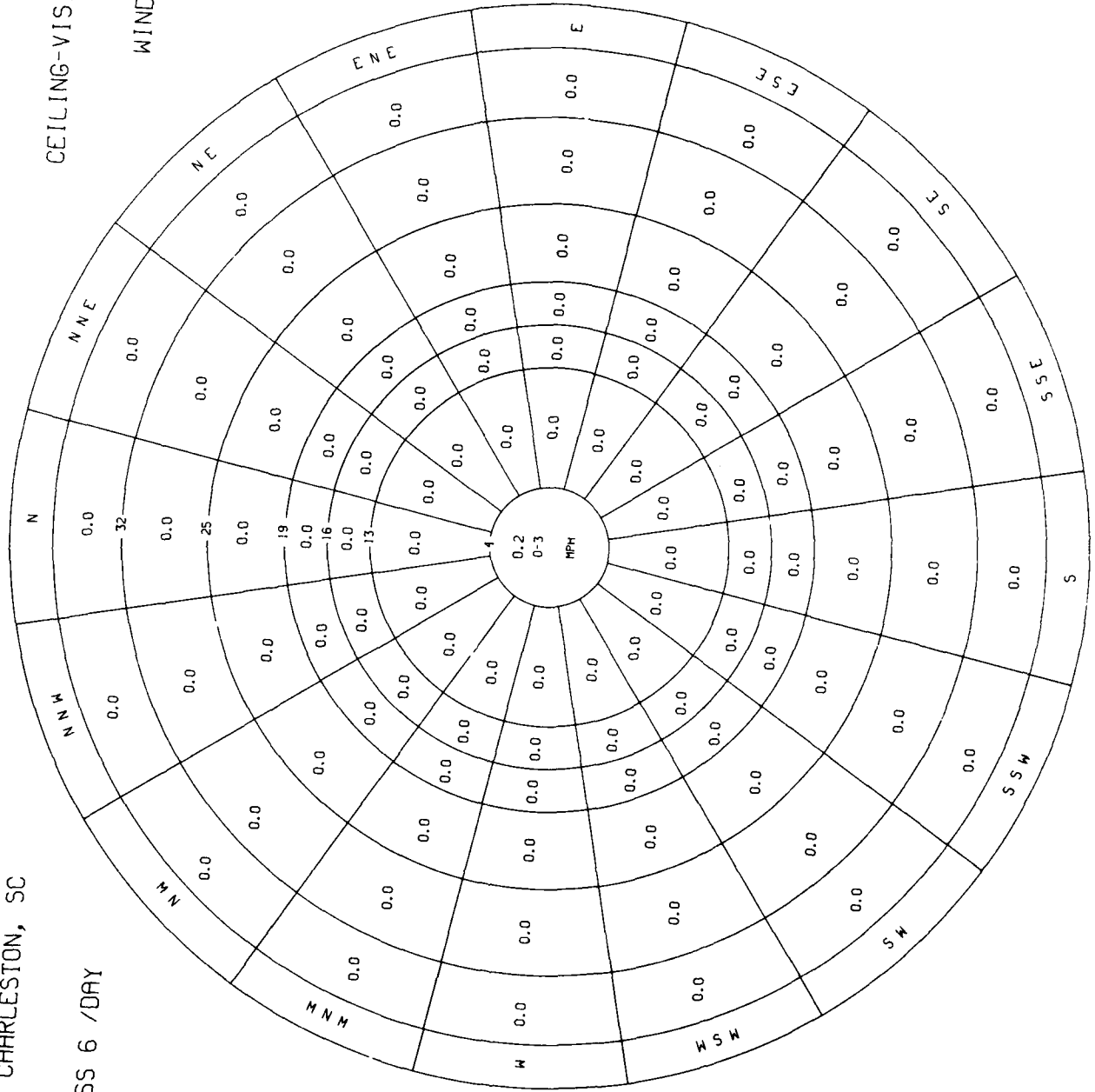
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B				
N	.0	2.9	.1	8.7	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	11.8	5.6
NNE	.0	2.1	.1	8.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	10.5	6.2
NE	.0	3.4	.0	4.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.9	5.6
ENE	.0	.3	.0	4.2	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7	7.2
E	.0	.0	.0	2.1	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	7.2
ESE	.0	.8	.0	3.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5	6.2
SE	.0	.8	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	5.8
SSE	.0	.8	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	5.2
S	.0	1.0	.0	3.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7	7.5
SSW	.0	.8	.0	4.5	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.5	7.4
SW	.0	.3	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	7.0
WSW	.0	.3	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	6.7
W	.0	.8	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	5.2
WNW	.0	.3	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	7.1
NW	.0	.8	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	5.9
NNW	.0	1.3	.1	6.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.6	6.4
CALM	.2	21.8														.2	21.8	
TOTAL	.4	39.3	.6	60.4	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	100	49

CHS CHARLESTON, SC

CLASS 6 / DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: CHS CHARLESTON, SC

PERIOD: 1948-1978

CLASS 6 / DAY

STATION NUMBER: 13880

NO. OBS.: 199

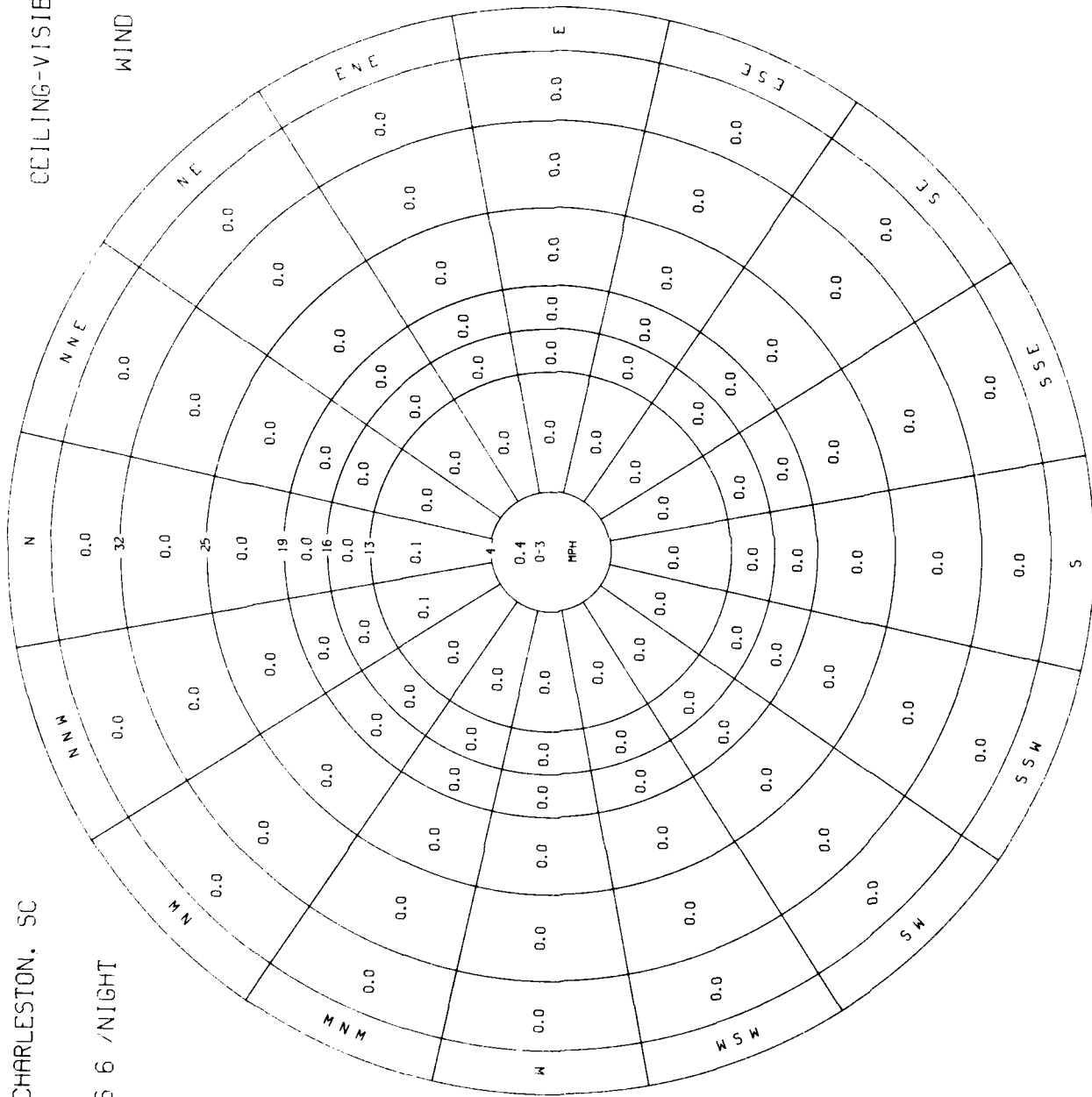
D I R	SPEED GROUPS (MPH)															AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL			
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D	
N	.0	7.0	.0	9.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	16.1	4.4
NNE	.0	2.5	.0	4.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.5	4.9
NE	.0	2.0	.0	3.0	.0	.0	.0	.0	.0	.0	.0	.5	.0	.0	.0	.0	5.5	6.8
ENE	.0	.5	.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	6.4
E	.0	.5	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	5.8
ESE	.0	1.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	5.2
SE	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	5.7
SSE	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	4.0
S	.0	3.0	.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0	4.3
SSW	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	6.0
SW	.0	1.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	5.2
WSW	.0	2.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	4.8
W	.0	3.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5	4.0
WNW	.0	1.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	6.3
NW	.0	2.0	.0	5.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.0	5.3
NNW	.0	2.5	.0	5.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.5	5.4
CALM	.1	23.6														.1	23.6	
TOTAL	.2	52.3	.2	47.2	.0	.0	.0	.0	.0	.0	.0	.5	.0	.0	.0	.4	100	3.9

CHS CHARLESTON, SC

CLASS 6 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: CHS CHARLESTON, SC

PERIOD: 1948-1978

CLASS 6 / NIGHT

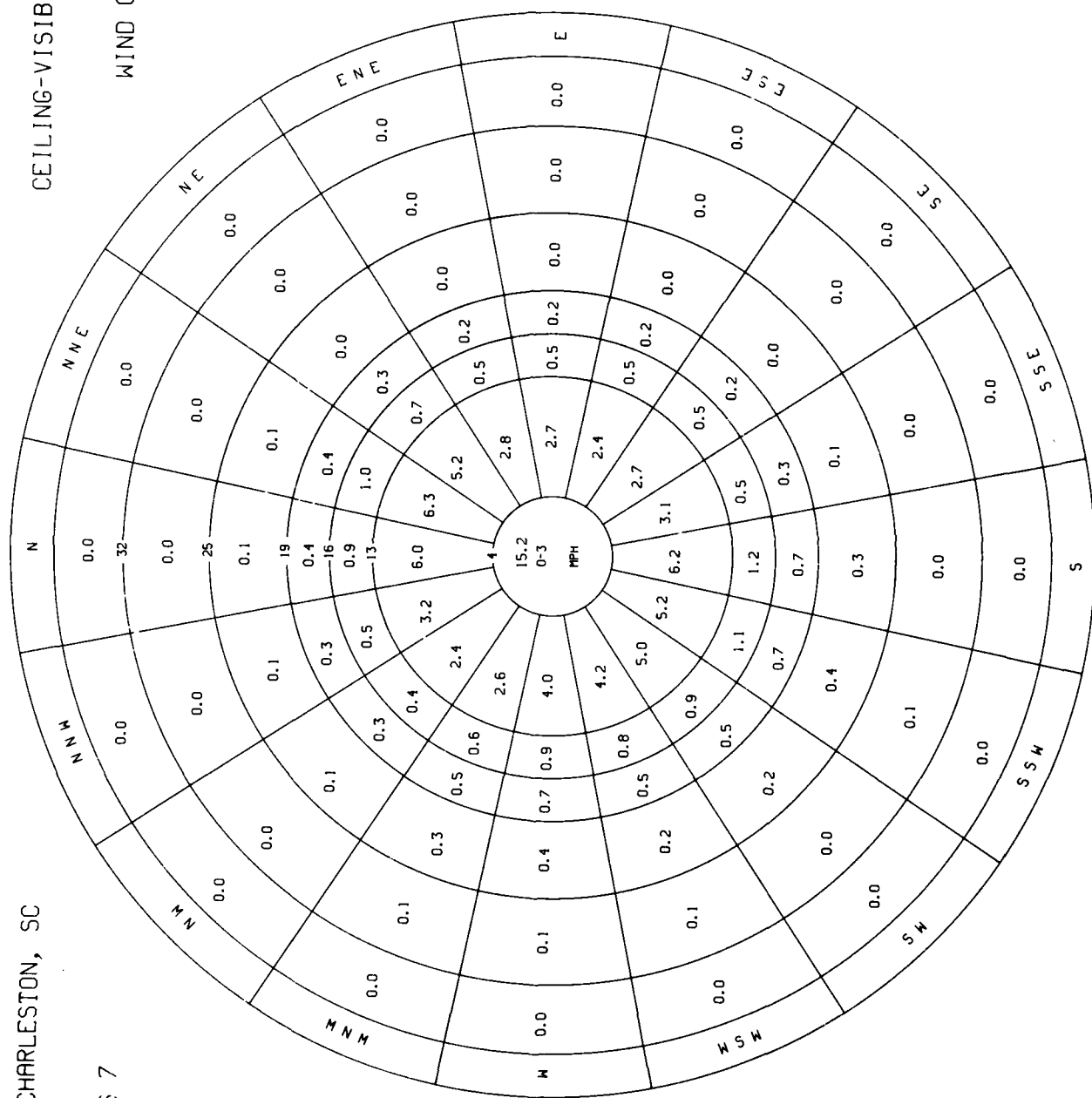
STATION NUMBER: 13880

NO. OBS.: 322

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	1.6	.1	6.8	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	8.7	5.5	
NNE	.0	2.8	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0	4.2	
NE	.0	1.2	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	4.9	
ENE	.0	1.6	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	3.4	
E	.0	.3	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	6.6	
ESE	.0	1.6	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	5.1	
SE	.0	1.9	.0	3.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.6	4.8	
SSE	.0	.9	.0	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	5.3	
S	.0	1.9	.0	4.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.9	5.1	
SSW	.0	1.6	.0	3.1	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0	6.3	
SW	.0	.6	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	6.3	
WSW	.0	1.6	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7	4.6	
W	.0	1.6	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	4.5	
WNW	.0	.9	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	4.4	
NW	.0	.6	.0	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	5.9	
NNW	.0	1.6	.1	7.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	8.7	5.9	
CALM	.2	25.8														.2	25.8		
TOTAL	.4	47.8	.4	51.6	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	100	3.9	

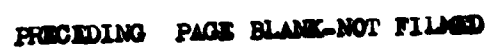
CEILING-VISIBILITY

WIND GRAPH



CELL'ING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: CAE COLUMBIA, SC

PERIOD: 1948-1978

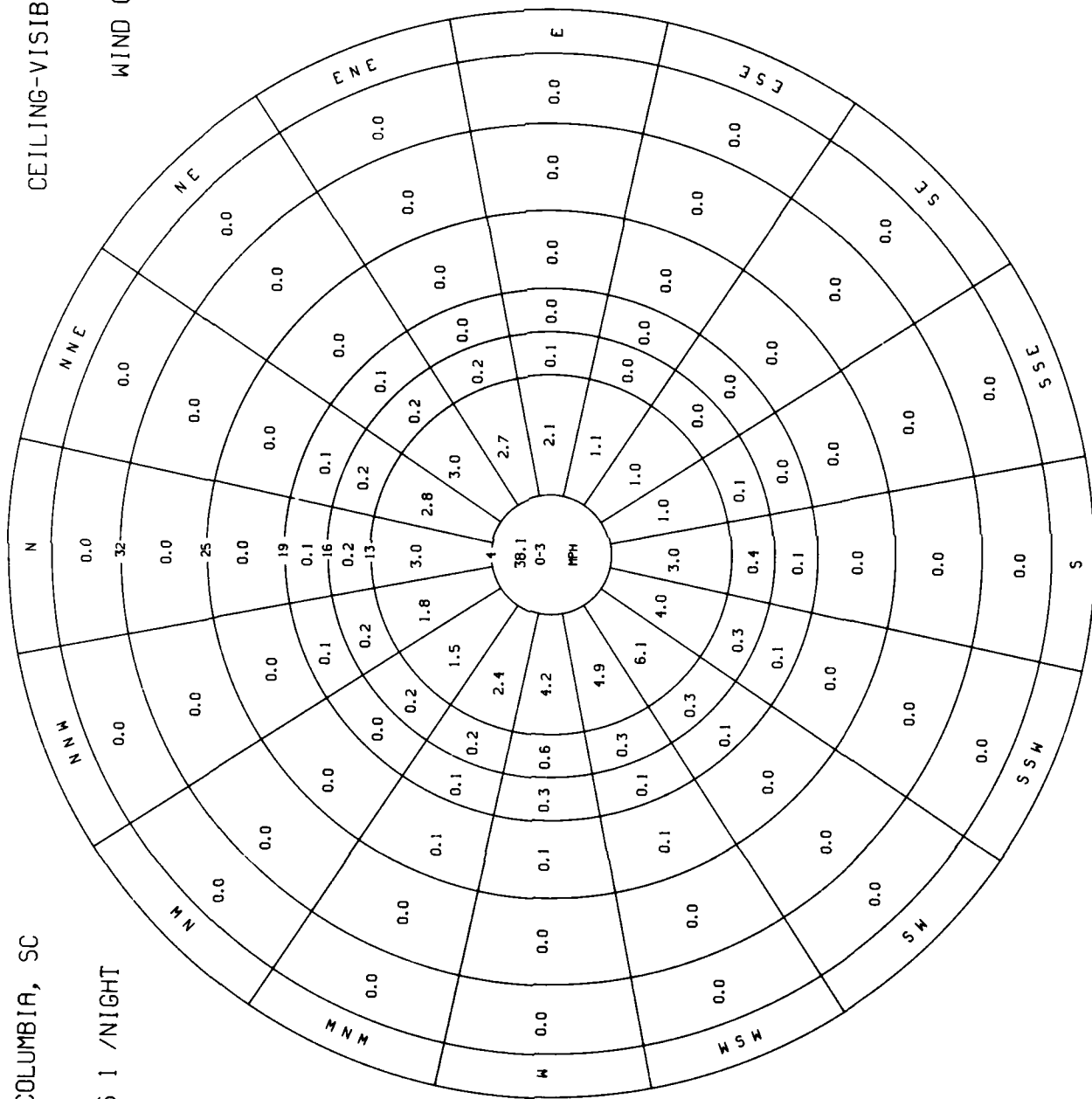
CLASS 1 / DAY

STATION NUMBER: 13893

NO. OBS.: 43081

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.5	.6	3.7	4.2	.5	.5	.2	.2	.0	.0	.0	.0	.0	.0	4.9 5.6 8.3
NNE	.5	.5	3.5	4.0	.6	.7	.2	.2	.1	.1	.0	.0	.0	.0	4.8 5.5 8.7
NNE	.7	.8	4.9	5.6	.8	.9	.2	.2	.0	.0	.0	.0	.0	.0	6.6 7.5 8.5
ENE	.6	.7	4.2	4.7	.6	.7	.1	.2	.0	.0	.0	.0	.0	.0	5.5 6.3 8.4
E	.7	.8	4.3	4.8	.3	.4	.1	.1	.0	.0	.0	.0	.0	.0	5.3 6.1 7.5
ESE	.4	.5	3.2	3.7	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	4.0 4.5 7.5
SE	.5	.5	2.5	2.9	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0	3.3 3.8 7.4
SSE	.4	.5	1.7	2.0	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	2.5 2.8 7.9
S	.7	.8	3.4	3.9	.6	.6	.3	.3	.1	.1	.0	.0	.0	.0	5.1 5.8 8.5
SSW	.6	.7	3.4	3.9	.7	.8	.4	.5	.2	.2	.0	.0	.0	.0	5.4 6.2 9.5
SW	.8	1.0	5.2	5.9	1.2	1.4	.7	.8	.3	.3	.0	.0	.0	.0	8.3 9.4 9.6
WSW	.7	.8	4.5	5.1	1.1	1.2	.7	.8	.3	.4	.1	.1	.0	.0	7.4 8.4 10.0
W	.7	.8	3.6	4.1	1.0	1.2	.7	.8	.4	.4	.1	.1	.0	.0	6.5 7.4 10.3
WNW	.4	.5	2.7	3.1	.8	.9	.5	.6	.3	.3	.0	.0	.0	.0	4.8 5.5 10.6
NW	.5	.6	2.9	3.3	.6	.7	.3	.3	.1	.1	.0	.0	.0	.0	4.4 5.1 9.1
NNW	.3	.4	2.4	2.7	.4	.4	.2	.2	.1	.1	.0	.0	.0	.0	3.4 3.8 8.9
CALM	5.6	6.4													5.6 6.4
TOTAL	14.8	16.8	56.2	64.1	9.9	11.3	4.7	5.4	1.8	2.1	.3	.3	.0	.0	87.8 100 8.4

CAE COLUMBIA, SC
 CLASS 1 /NIGHT
 CEILING-VISIBILITY
 WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: CAE COLUMBIA, SC

PERIOD: 1948-1978

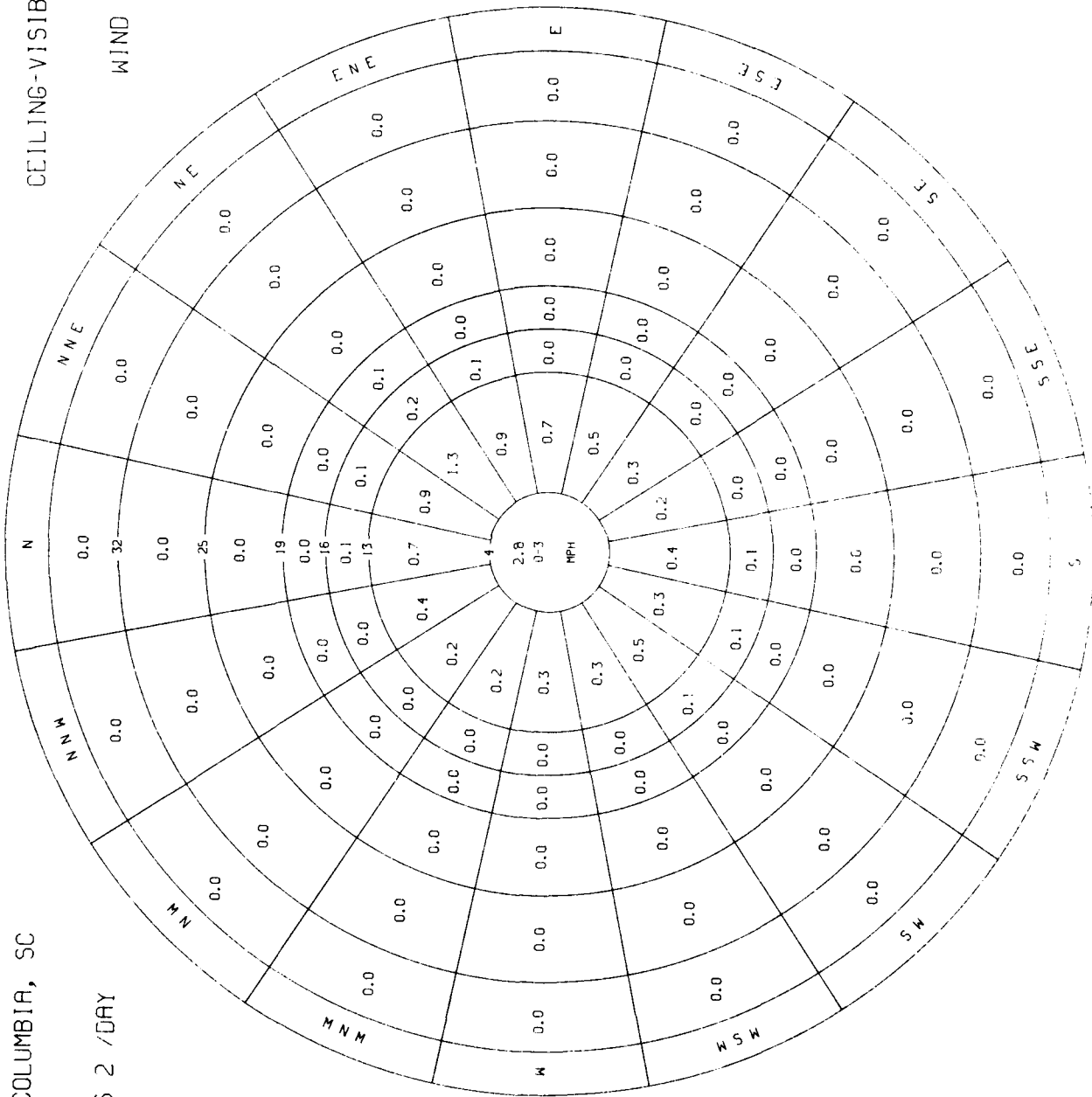
CLASS 1 / NIGHT

STATION NUMBER: 13883

NO. OBS.: 36548

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D
N	.6	.7	3.0	3.4	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	3.9	4.4	7.2
NNE	.6	.7	2.8	3.2	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	3.6	4.1	7.2
NE	1.1	1.2	3.0	3.4	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	4.4	5.0	6.7
ENE	.9	1.1	2.7	3.1	.2	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	3.9	4.4	6.4
E	.9	1.1	2.1	2.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	3.5	5.6
ESE	.4	.5	1.1	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	1.8	5.6
SE	.5	.5	1.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	1.8	5.7
SSE	.5	.6	1.0	1.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	1.9	6.3
S	1.2	1.4	3.0	3.4	.4	.4	.1	.2	.0	.0	.0	.0	.0	.0	.0	4.7	5.3	6.9
SSW	1.7	1.9	4.0	4.5	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	6.1	6.9	6.6
SW	2.3	2.6	6.1	6.9	.3	.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	8.9	10.1	6.4
WSW	2.1	2.4	4.9	5.6	.3	.4	.1	.2	.1	.1	.0	.0	.0	.0	.0	7.6	8.7	6.5
W	2.3	2.6	4.2	4.7	.6	.6	.3	.3	.1	.1	.0	.0	.0	.0	.0	7.4	8.4	6.9
WNW	1.2	1.4	2.4	2.7	.2	.3	.1	.2	.1	.1	.0	.0	.0	.0	.0	4.1	4.6	6.6
NW	.8	.9	1.5	1.7	.2	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	2.4	2.8	6.5
NNW	.5	.5	1.8	2.1	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	2.6	3.0	8.0
CALM	20.5	23.3														20.5	23.3	
TOTAL	38.1	43.2	44.6	50.6	3.5	4.0	1.4	1.6	.4	.5	.1	.1	.0	.0	.0	88.0	100	5.1

CAE COLUMBIA, SC
 CLASS 2 /DAY
 CEILING-VISIBILITY
 WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: CAE COLUMBIA, SC

PERIOD: 1948-1978

STATION NUMBER: 13883

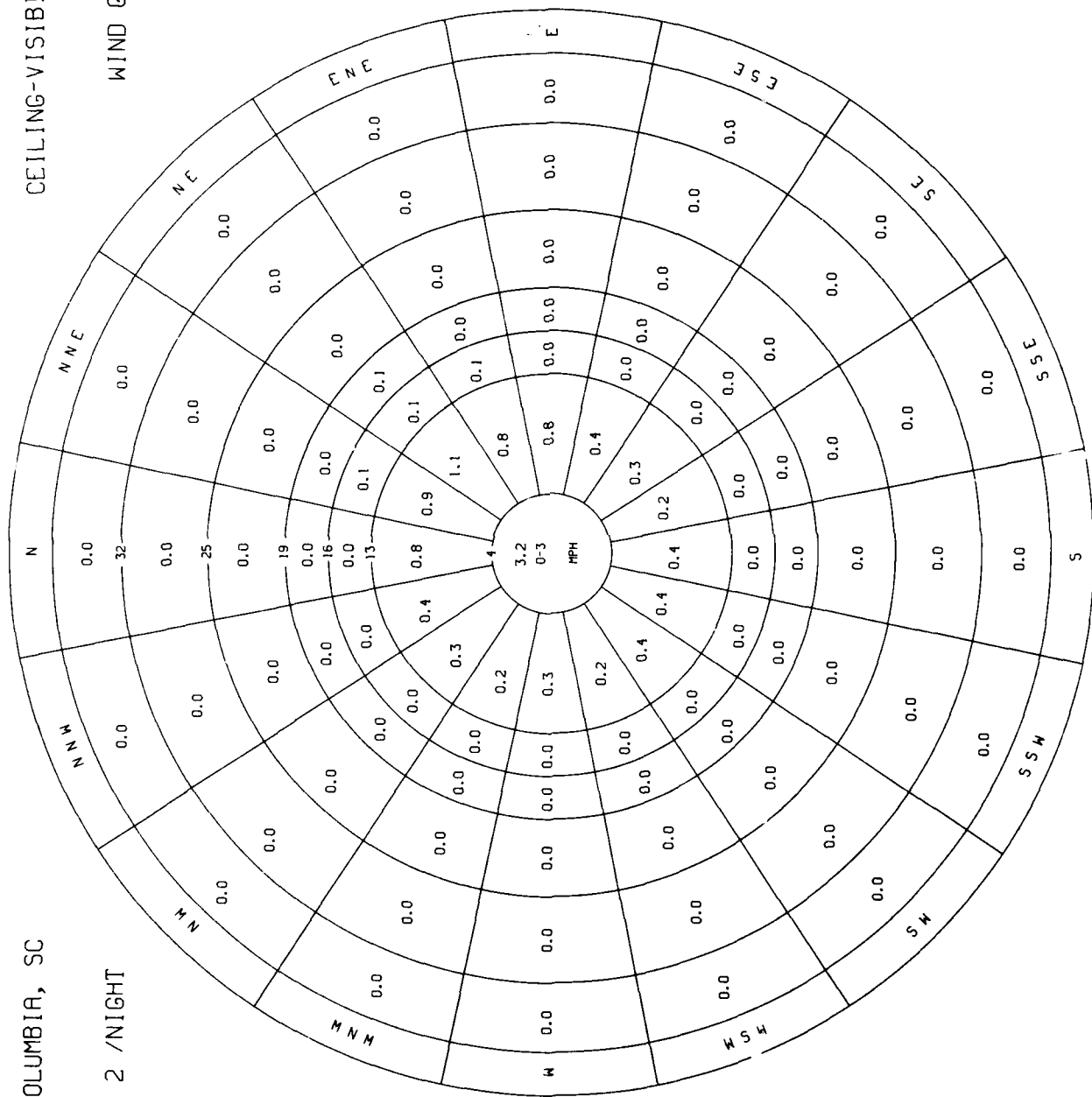
NO. OBS.: 5992

CLASS 2 / DAY

D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	.1	.9	.7	6.1	.1	.9	.0	.2	.0	.1	.0	.0	.0	.0	1.0	8.2	8.4
NNE	.1	.9	.9	7.3	.1	1.0	.0	.3	.0	.2	.0	.0	.0	.0	1.2	9.6	8.6
NE	.2	1.3	1.3	10.4	.2	1.2	.1	.5	.0	.1	.0	.0	.0	.0	1.6	13.5	8.5
ENE	.1	1.0	.9	7.3	.1	.8	.0	.3	.0	.0	.0	.0	.0	.0	1.1	9.4	8.1
E	.2	1.2	.7	5.8	.0	.3	.0	.2	.0	.0	.0	.0	.0	.0	.9	7.5	7.0
ESE	.1	.8	.5	3.9	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.6	5.0	6.8
SE	.1	.8	.3	2.5	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.4	3.4	6.3
SSE	.1	.6	.2	1.4	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.3	2.4	7.4
S	.1	1.0	.4	3.1	.1	.5	.0	.1	.0	.1	.0	.0	.0	.0	.6	4.8	7.6
SSW	.1	.7	.3	2.7	.1	.6	.0	.4	.0	.1	.0	.0	.0	.0	.5	4.4	9.1
SW	.1	.7	.5	3.8	.1	.7	.0	.4	.0	.1	.0	.0	.0	.0	.7	5.6	8.7
WSW	.1	.6	.3	2.5	.0	.2	.0	.2	.0	.1	.0	.0	.0	.0	.5	3.7	8.1
W	.1	.9	.3	2.1	.0	.4	.0	.2	.0	.1	.0	.0	.0	.0	.4	3.5	7.7
WNW	.0	.4	.2	1.3	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.2	2.0	8.2
NW	.1	.4	.2	1.9	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.3	2.7	7.8
NNW	.0	.4	.4	2.9	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.5	3.7	8.4
CALM	1.3	10.8													1.3	10.8	
TOTAL	2.8	23.2	7.9	64.8	.9	7.7	.4	3.0	.1	1.1	.0	.3	.0	.0	12.2	100	7.2

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: CAE COLUMBIA, SC

PERIOD: 1948-1978

CLASS 2 / NIGHT

STATION NUMBER: 13883

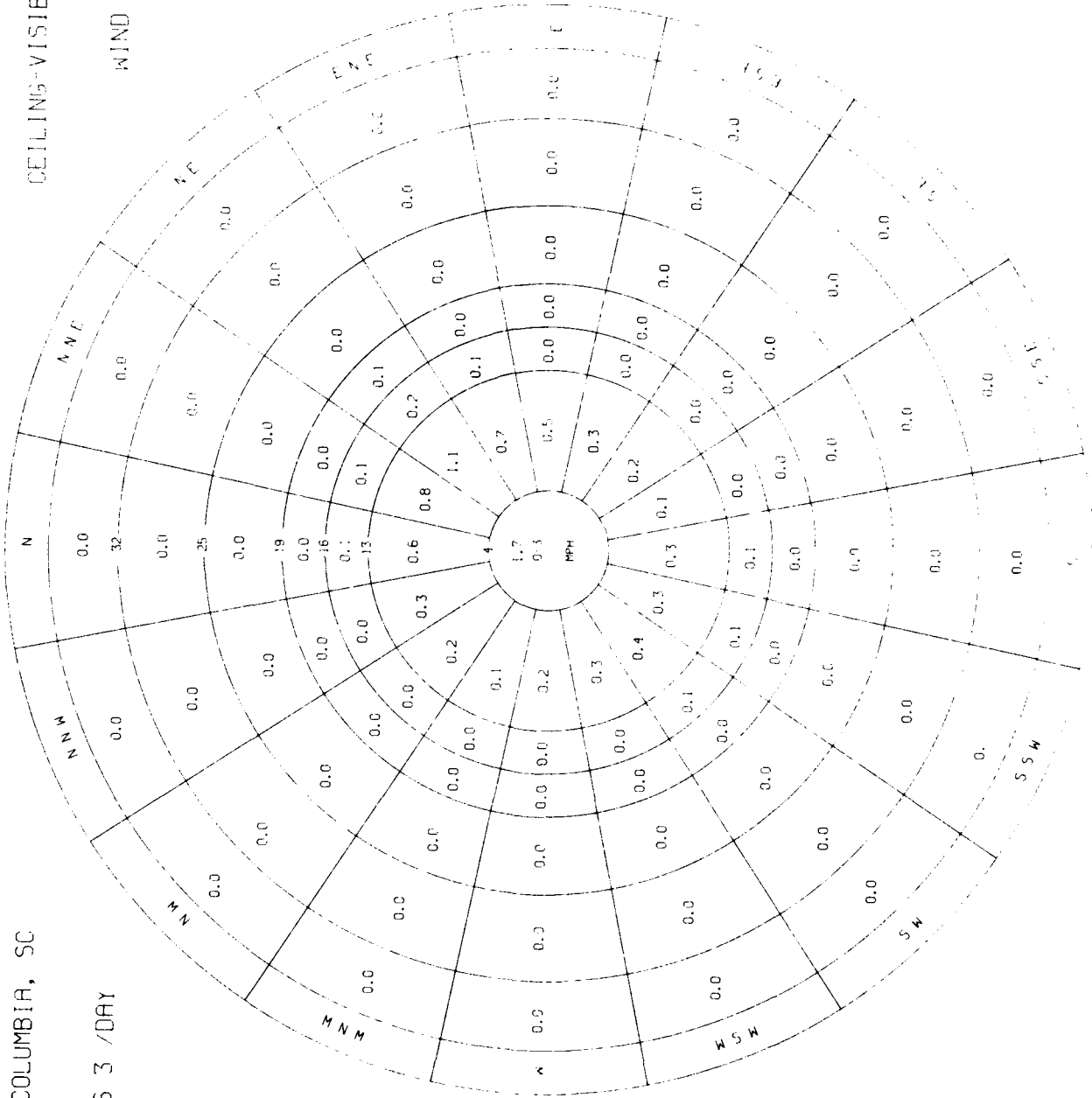
NO. OBS.: 4961

D I R	SPEED GROUPS (MPH)															AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL			
	A	B	A	B	A	B	A	B	A	B	A	B	A	B				
																	C	D
N	.1	.8	.8	6.6	.0	.4	.0	.2	.0	.1	.0	.0	.0	.0	.0	1.0	8.0	7.5
NNE	.1	.9	.9	7.7	.1	.9	.0	.3	.0	.1	.0	.0	.0	.0	.0	1.2	9.9	8.2
NE	.2	1.4	1.1	9.1	.1	1.2	.1	.5	.0	.1	.0	.0	.0	.0	.0	1.5	12.3	8.3
ENE	.2	1.3	.8	6.7	.1	.5	.0	.1	.0	.0	.0	.0	.0	.0	.0	1.0	8.6	7.1
E	.2	1.6	.8	6.7	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	8.6	6.5
ESE	.1	.9	.4	3.2	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.5	4.3	6.2
SE	.1	.6	.3	2.3	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	3.2	6.7
SSE	.1	.5	.2	1.4	.0	.2	.0	.0	.0	.1	.0	.0	.0	.0	.0	.3	2.1	7.3
S	.1	.9	.4	2.9	.0	.4	.0	.2	.0	.1	.0	.0	.0	.0	.0	.5	4.5	7.7
SSW	.1	.6	.4	3.4	.0	.4	.0	.1	.0	.1	.0	.0	.0	.0	.0	.5	4.6	8.1
SW	.1	.9	.4	3.2	.0	.3	.0	.1	.0	.1	.0	.0	.0	.0	.0	.5	4.6	7.3
WSW	.1	.8	.2	1.7	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.3	2.8	6.6
W	.1	.9	.3	2.5	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	3.8	6.9
WNW	.1	.5	.2	1.7	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.3	2.4	7.0
NW	.1	.6	.3	2.1	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.4	3.1	7.5
NNW	.1	.5	.4	3.6	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.5	4.5	7.5
CALM	1.5	12.9														1.5	12.9	
TOTAL	3.2	26.5	7.7	64.8	.7	5.9	.2	2.0	.1	.7	.0	.1	.0	.0	.0	12.0	100	6.5

CAR COLUMBIA, SC

CLASS 3 / DAY

CEILING-VISIBILITY
WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: CAE COLUMBIA, SC

PERIOD: 1948-1978

CLASS 3 / DAY

STATION NUMBER: 1983

NO. OBS.: 4738

D	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			
N	.1	.8	.6	6.5	.1	1.1	.0	.2	.0	.1	.0	.0	.0	.0	.8	8.7	9.7
NNE	.1	.8	.9	7.8	.1	1.2	.0	.3	.0	.2	.0	.0	.0	.0	1.0	10.1	9.9
NNE	.1	.1	1.1	11.6	.2	1.6	.1	.6	.0	.1	.0	.0	.0	.0	1.4	15.0	9.9
NNE	.1	.7	.7	7.4	.1	1.0	.0	.3	.0	.0	.0	.0	.0	.0	.9	9.5	8.6
NNE	.1	.8	.5	5.3	.0	.3	.0	.2	.0	.0	.0	.0	.0	.0	.6	6.6	7.4
NNE	.1	.6	.3	3.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.4	4.3	7.1
NNE	.1	.5	.2	2.3	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.3	3.0	6.7
NNE	.1	.5	.1	1.4	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.2	2.3	7.9
NNE	.1	.7	.3	3.5	.1	.6	.0	.2	.0	.1	.0	.0	.0	.0	.5	5.0	8.2
NNE	.1	.5	.3	3.0	.1	.7	.0	.4	.0	.1	.0	.0	.0	.0	.5	4.8	9.7
NNE	.1	.7	.1	4.3	.1	.8	.0	.4	.0	.1	.0	.0	.0	.0	.6	6.4	9.0
NNE	.1	.6	.3	2.8	.0	.3	.0	.3	.0	.1	.0	.0	.0	.0	.4	4.1	8.4
NNE	.1	.7	.2	2.2	.0	.5	.0	.2	.0	.1	.0	.0	.0	.0	.4	3.7	8.3
NNE	.1	.4	.1	1.4	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.2	2.2	8.3
NNE	.1	.4	.2	2.0	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.3	2.7	8.0
NNE	.1	.7	.1	1.0	.0	.3	.0	.1	.0	.1	.0	.0	.0	.0	.4	3.8	8.7
TOTAL	1.7	17.9	6.6	67.3	.9	9.3	.1	3.5	.1	1.2	.0	.2	.0	.0	7.7	7.6	8.8

AD-A108 159

NATIONAL CLIMATIC CENTER ASHEVILLE NC

F/G 4/2

WINDS - CEILING - VISIBILITY DATA AT SELECTED AIRPORTS, VOLUME I--ETC(U)
JUN 81 DOT-FA79WAI-057

JUN 81

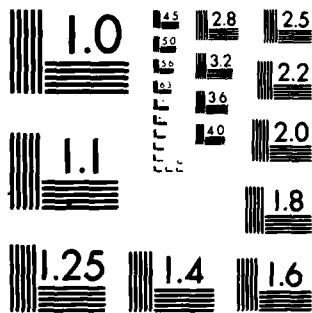
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NL

UNCLASSIFIED

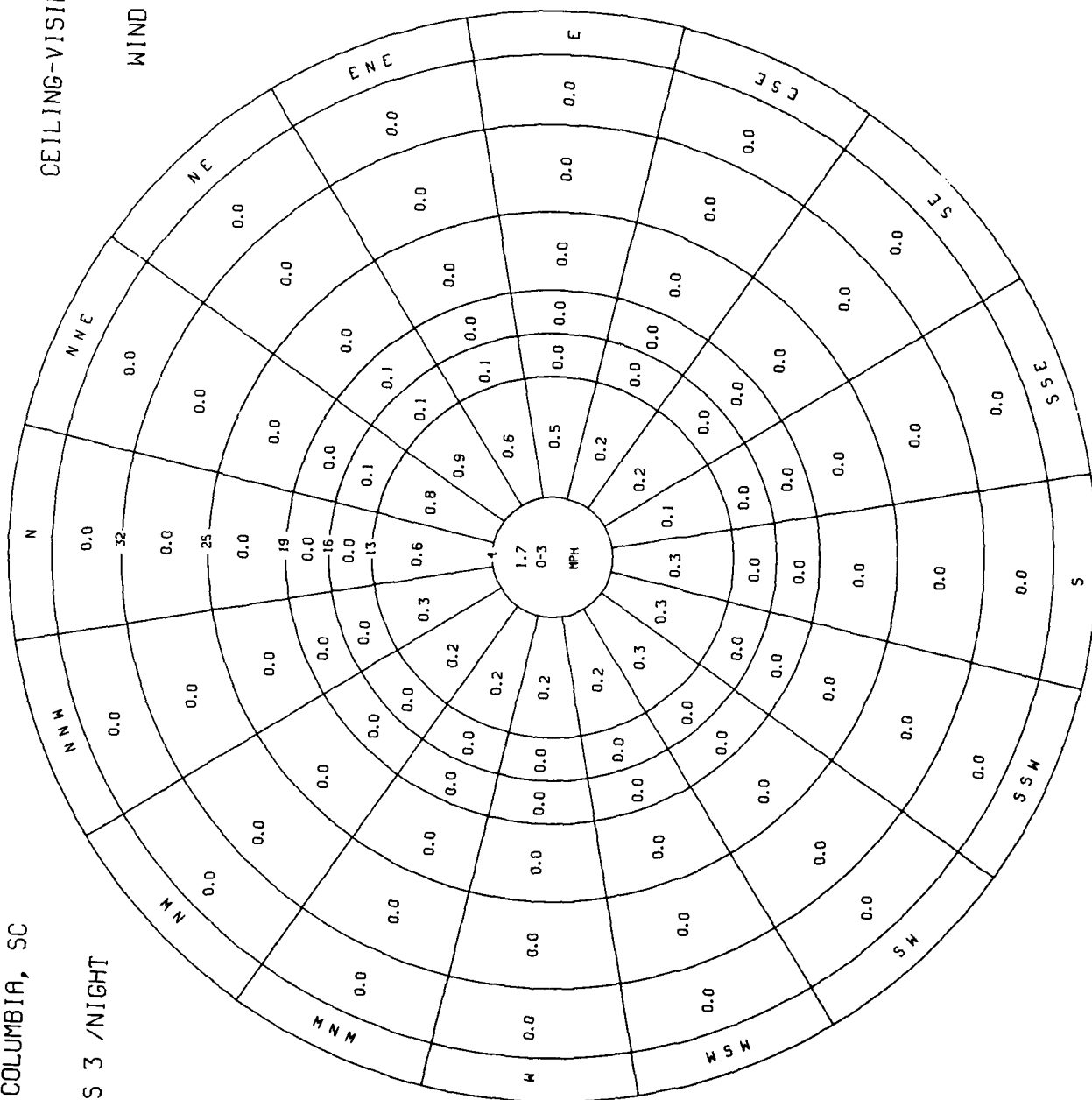
4.5

08/59



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS 1963-A

CAE COLUMBIA, SC
 CLASS 3 /NIGHT
 CEILING-VISIBILITY
 WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: CAE COLUMBIA, SC

PERIOD: 1948-1978

CLASS 3 / NIGHT

STATION NUMBER: 13883

NO. OBS.: 3542

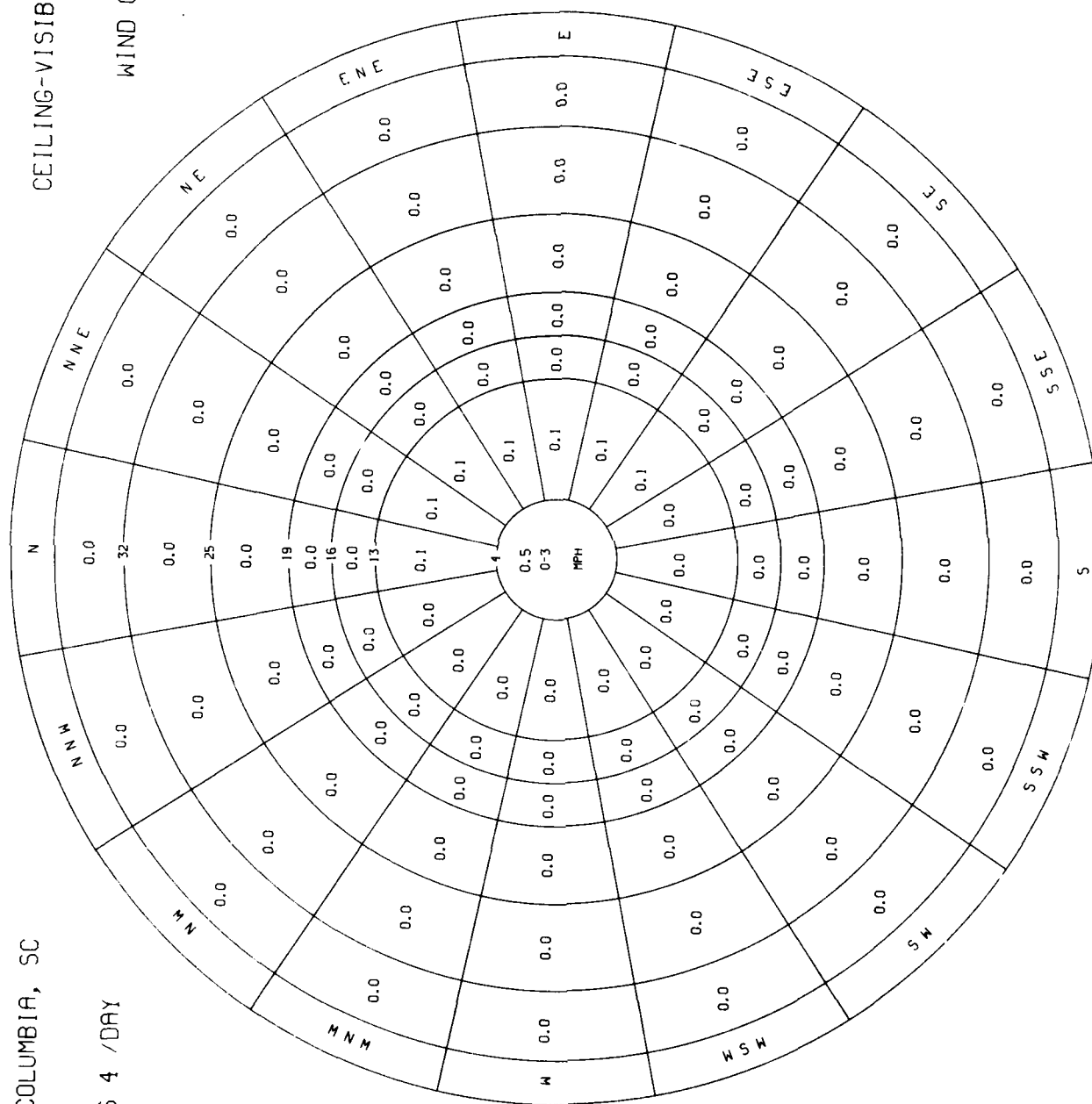
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.1	.6	.6	6.8	.0	.5	.0	.3	.0	.1	.0	.0	.0	.0	.7 8.3
NNE	.1	.7	.8	8.9	.1	1.2	.0	.4	.0	.2	.0	.0	.0	.0	1.0 11.4
NE	.1	1.1	.9	10.9	.1	1.6	.1	.7	.0	.1	.0	.1	.0	.0	1.2 14.5
ENE	.1	1.1	.6	7.2	.1	.6	.0	.1	.0	.1	.0	.0	.0	.0	.8 9.1
E	.1	1.1	.5	5.6	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.6 7.1
ESE	.0	.6	.2	2.7	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.3 3.5
SE	.0	.4	.2	2.3	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.3 3.1
SSE	.0	.5	.1	1.5	.0	.2	.0	.0	.0	.1	.0	.0	.0	.0	.2 2.3
S	.1	.6	.3	3.5	.0	.5	.0	.3	.0	.1	.0	.0	.0	.0	.4 5.0
SSW	.0	.5	.3	3.9	.0	.5	.0	.2	.0	.1	.0	.0	.0	.0	.4 5.1
SW	.1	.8	.3	3.6	.0	.4	.0	.2	.0	.1	.0	.0	.0	.0	.4 5.0
WSW	.1	.7	.2	1.9	.0	.3	.0	.1	.0	.1	.0	.0	.0	.0	.3 3.0
W	.1	.7	.2	2.7	.0	.3	.0	.1	.0	.1	.0	.0	.0	.0	.3 3.8
WNW	.0	.3	.2	1.8	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.2 2.4
NW	.0	.6	.2	2.1	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.3 3.1
NNW	.0	.3	.3	3.5	.0	.3	.0	.1	.0	.0	.0	.1	.0	.0	.4 4.3
CALM	.8	8.9													.8 8.9
TOTAL	1.7	19.6	5.9	68.8	.7	7.8	.2	2.7	.1	1.0	.0	.1	.0	.0	8.5 100
															7.3

CAE COLUMBIA, SC

CLASS 4 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: CAE COLUMBIA, SC

PERIOD: 1948-1978

CLASS 4 / DAY

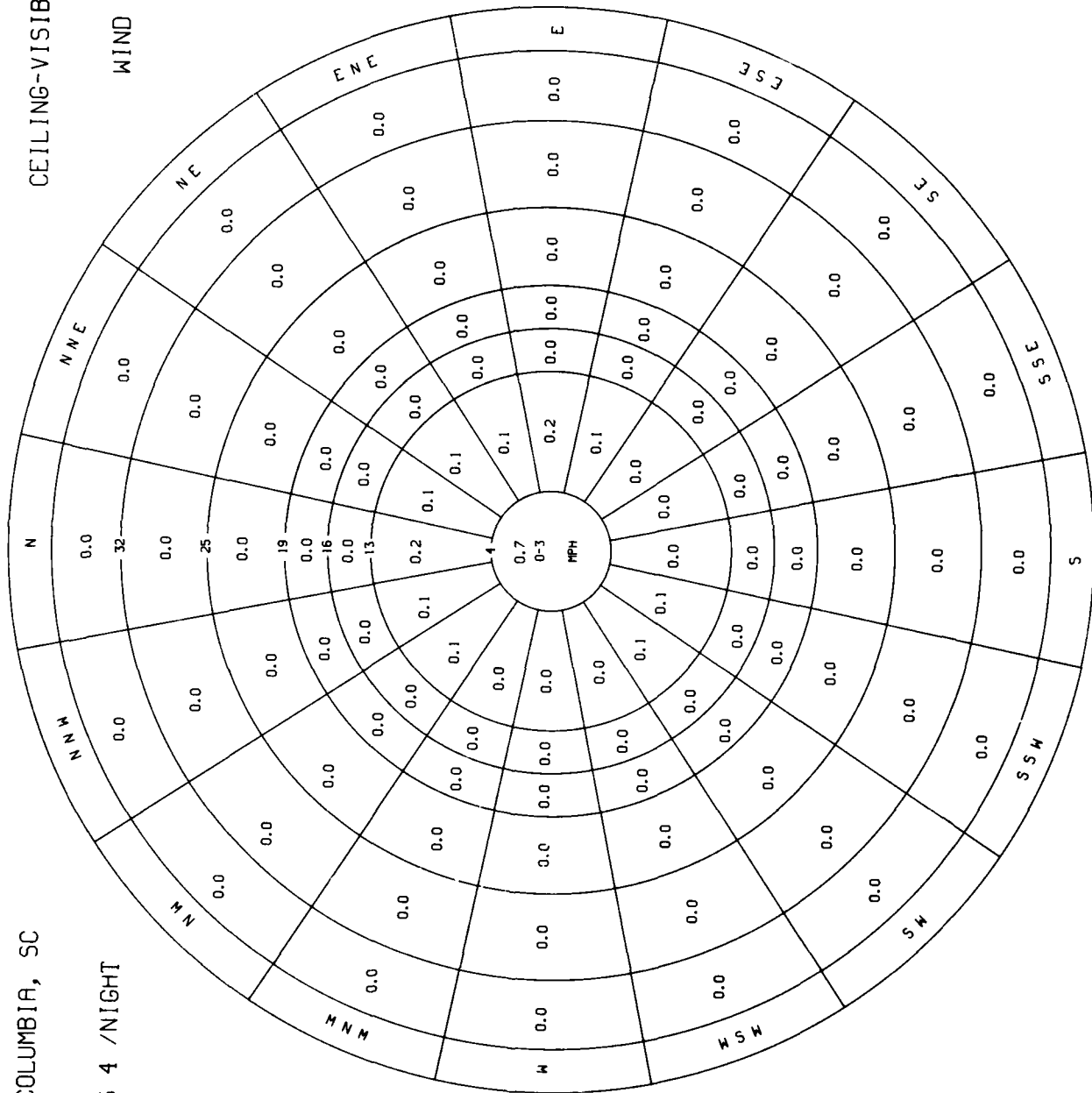
STATION NUMBER: 13883

NO. OBS.: 790

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D
N	.0	1.1	.1	6.3	.0	.3	.0	.0	.0	.1	.0	.1	.0	.0	.0	.1	8.0	7.2
NNE	.0	1.3	.1	6.7	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	8.4	
NE	.0	2.0	.1	7.1	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	6.8	
ENE	.0	1.8	.1	7.6	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.2	9.4	6.7
E	.0	2.2	.1	8.5	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.2	9.9	
ESE	.0	1.3	.1	6.8	.0	.4	.0	.0	.0	.0	.0	.1	.0	.0	.0	.2	11.0	6.4
SE	.0	1.9	.1	3.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	8.5	
SSE	.0	1.3	.0	1.3	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.1	5.3	5.8
S	.0	1.4	.0	2.5	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	
SSW	.0	1.4	.0	1.8	.0	.0	.0	.1	.0	.1	.0	.1	.0	.0	.0	.1	4.1	5.4
SW	.0	.5	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.4	
WSW	.0	.5	.0	1.3	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.1	3.2	6.3
W	.0	1.3	.0	1.8	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.9	
WNW	.0	.0	.0	.8	.0	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	3.2	5.9
NW	.0	.4	.0	2.0	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.0	
NNW	.0	.1	.0	2.9	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	2.9	8.0
CALM	.2	13.9														.1	3.3	
TOTAL	.5	32.3	1.0	63.2	.0	2.0	.0	1.5	.0	.6	.0	.4	.0	.0	.0	.2	13.9	5.7
																1.6	100	

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: CAE COLUMBIA, SC

PERIOD: 1948-1978

CLASS 4 / NIGHT

STATION NUMBER: 13883

NO. OBS.: 870

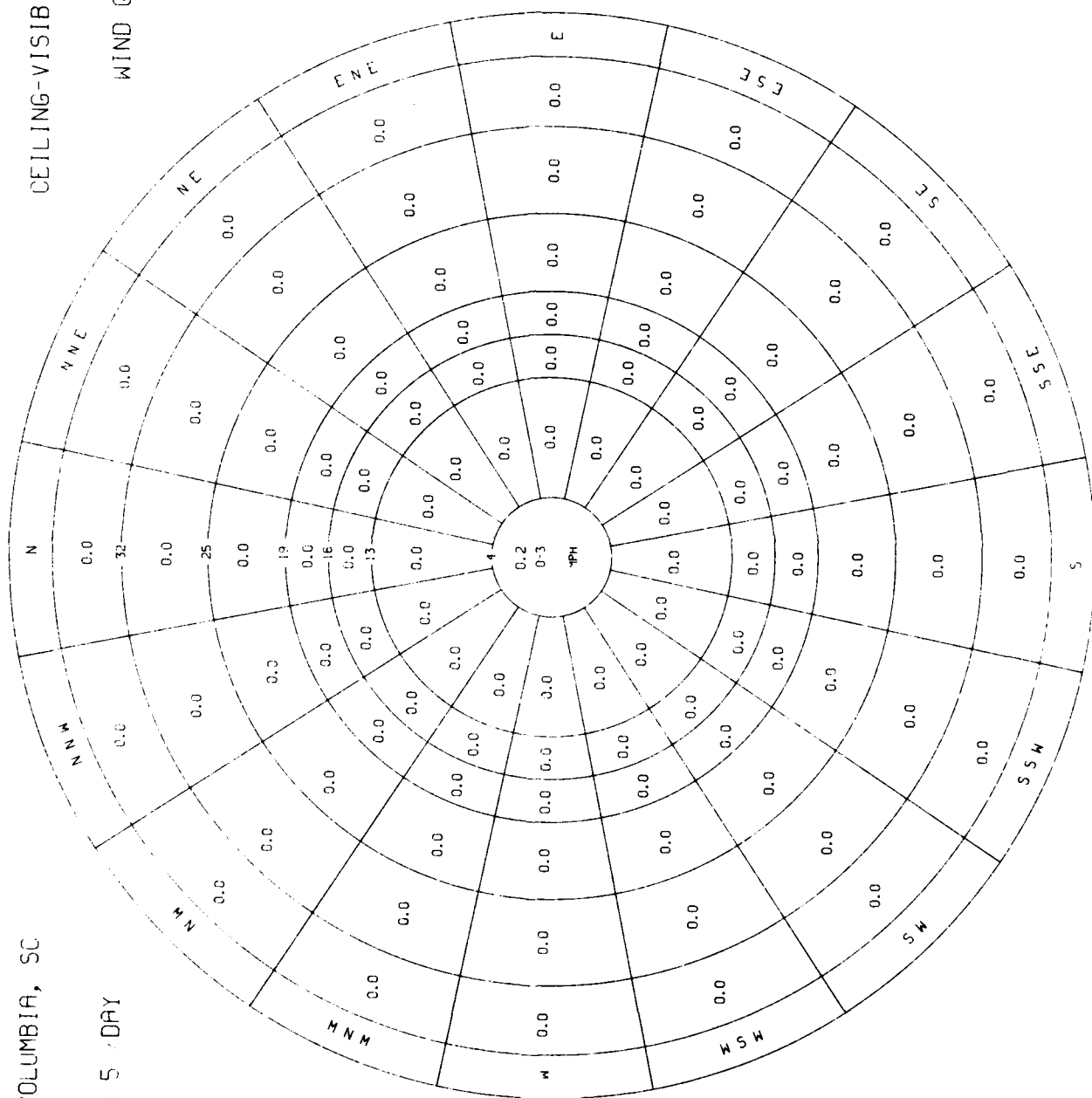
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	1.4	.2	7.7	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2 9.2
NNE	.0	1.3	.1	6.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2 7.6
NE	.0	1.4	.1	6.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2 7.7
ENE	.0	1.6	.1	6.6	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2 8.4
E	.0	1.8	.2	10.7	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.3 13.0
ESE	.0	1.0	.1	5.1	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.1 6.3
SE	.0	.7	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 3.0
SSE	.0	.5	.0	1.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.7
S	.0	1.6	.0	1.7	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1 3.6
SSW	.0	.8	.1	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 3.3
SW	.0	1.0	.1	2.5	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1 3.7
WSW	.0	.7	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.3
W	.0	1.3	.0	2.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1 3.7
WNW	.0	.6	.0	1.6	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0 2.3
NW	.0	.5	.1	2.9	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.1 3.6
NNW	.0	.6	.1	4.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 5.1
CALM	.3	15.6													.3 15.6
TOTAL	.7	32.3	1.4	65.5	.0	1.6	.0	.3	.0	.1	.0	.1	.0	.0	2.1 100
															5.3

CAE COLUMBIA, SC

CLASS 5 DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: CAE COLUMBIA, SC

PERIOD: 1948-1978

CLASS 5 / DAY

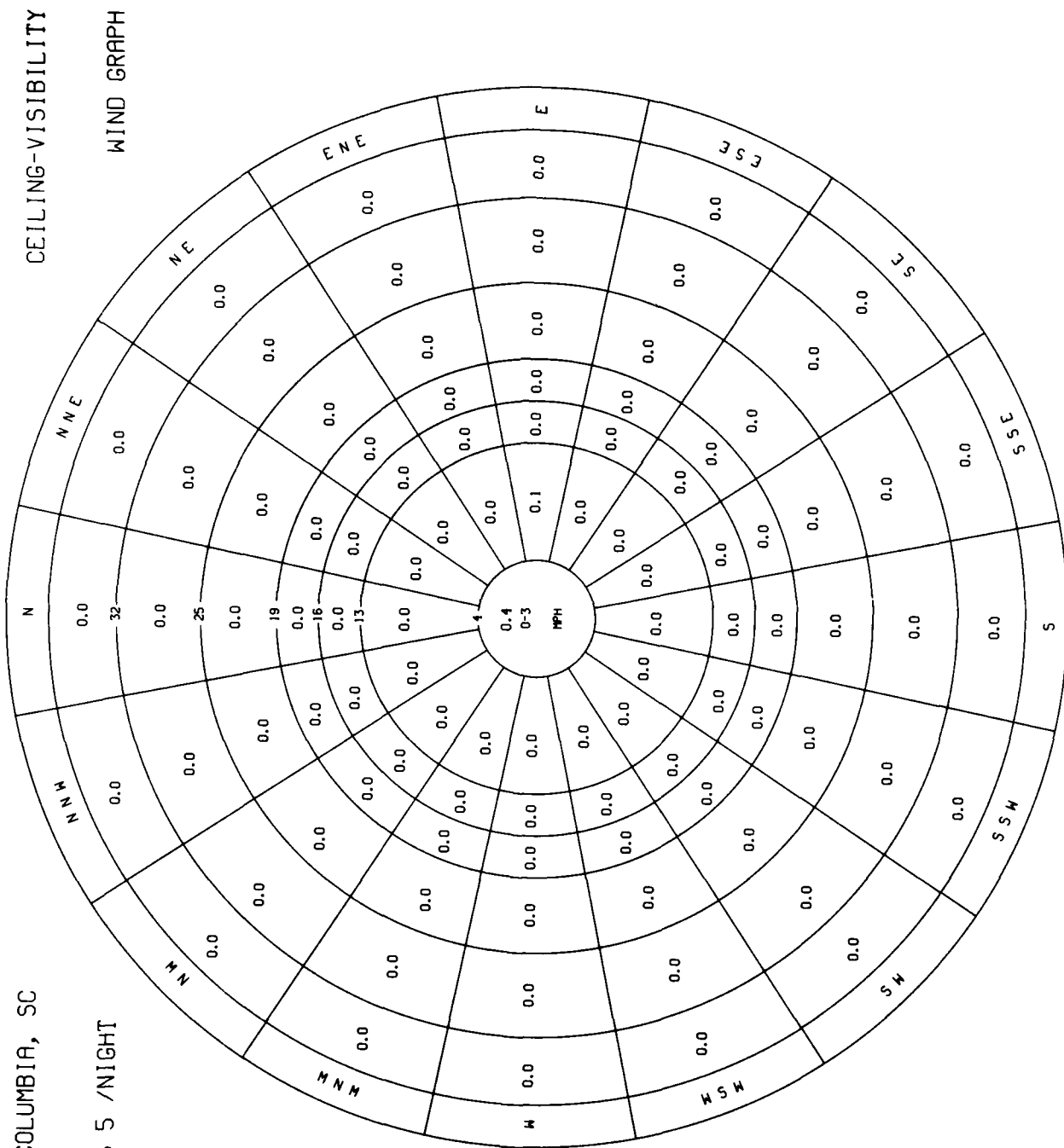
STATION NUMBER: 13893

NO. OBS.: 201

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.5	.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.5
NNE	.0	.5	.0	3.5	.0	.0	.0	.0	.0	.5	.0	.0	.0	.0	.0 4.5
NE	.0	2.0	.0	5.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 7.0
ENE	.0	1.5	.0	6.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 7.5
E	.0	2.5	.0	9.5	.0	.0	.0	.0	.0	.5	.0	.0	.0	.0	.1 12.4
ESE	.0	3.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 4.5
SE	.0	1.5	.0	4.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 5.5
SSE	.0	.5	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.5
S	.0	3.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.5
SSW	.0	.5	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.0
SW	.0	1.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.5
WSW	.0	2.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.5	.0	.0	.0 4.0
W	.0	2.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.5
WNW	.0	.5	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.5
NW	.0	1.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.5
NNW	.0	1.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.5
CALM	.1	31.8													.1 31.8
TOTAL	.2	55.2	.2	43.3	.0	.0	.0	.0	.0	1.0	.0	.5	.0	.0	.4 10.0
															3.7

CAE COLUMBIA, SC

CLASS 5 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: CAE COLUMBIA, SC

PERIOD: 1948-1978

CLASS 5 / NIGHT

STATION NUMBER: 13883

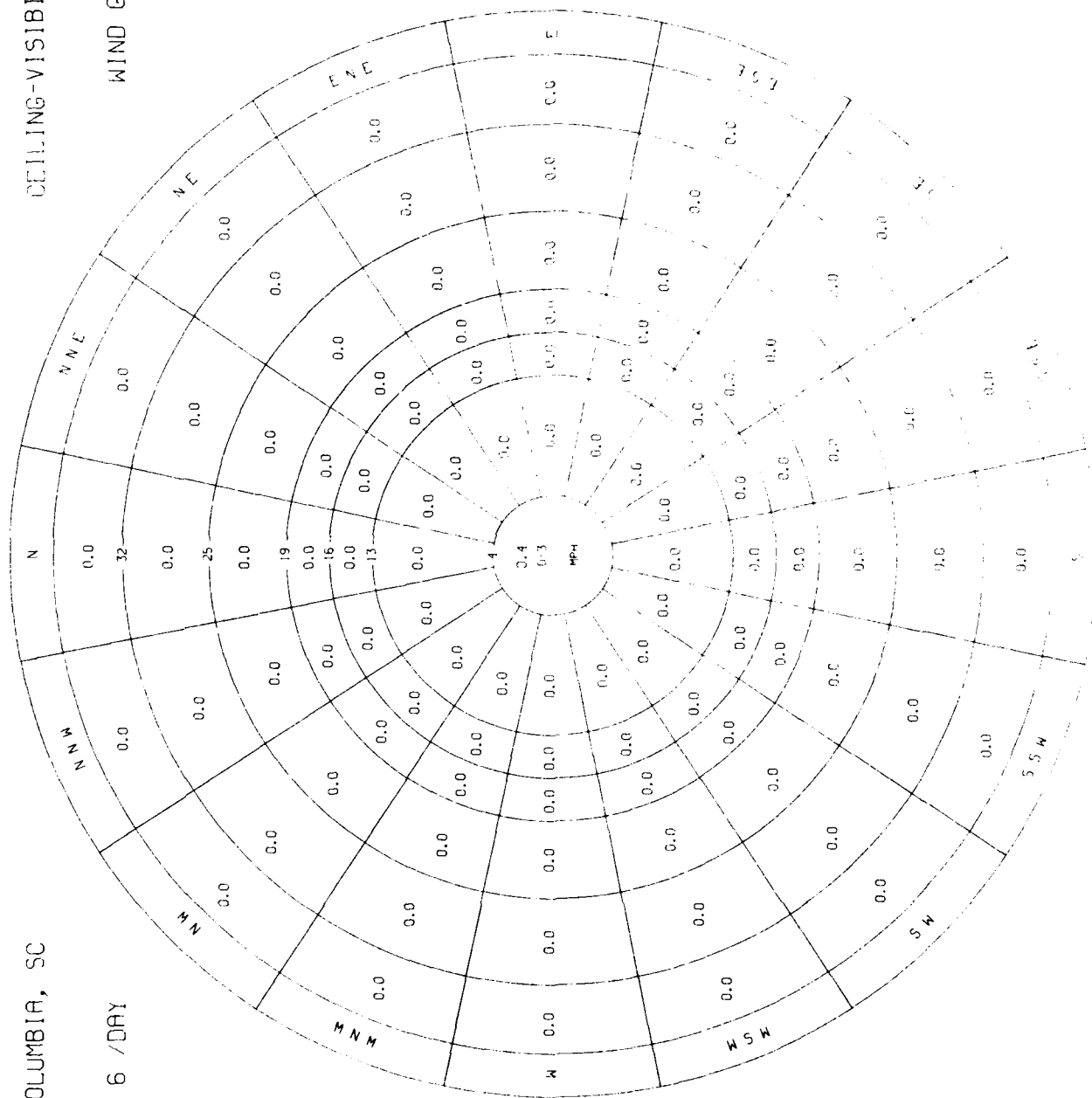
NO. OBS.: 314

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	1.9	.0	3.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.4	4.9
NNE	.0	1.0	.0	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	5.9
NE	.0	4.1	.0	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.0	4.5
ENE	.0	1.6	.0	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.4	5.1
E	.0	2.5	.1	7.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	10.2	5.1
ESE	.0	2.5	.0	4.1	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.0	5.2
SE	.0	2.2	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5	4.6
SSE	.0	.6	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	5.0
S	.0	1.6	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2	3.9
SSW	.0	1.0	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	4.9
SW	.0	1.0	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	5.3
WSW	.0	1.6	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	3.9
W	.0	2.5	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	4.3
WNW	.0	1.3	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	4.3
NW	.0	1.6	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2	5.0
NNW	.0	1.6	.0	4.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.7	5.1
CALM	.2	25.8													.2	25.8	
TOTAL	.4	54.5	.3	45.2	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.8	100	3.6

CAE COLUMBIA, SC

WIND GRAPH

CLASS 6 / DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: LAE COLUMBIA, SC

CLASS 6 / DAY

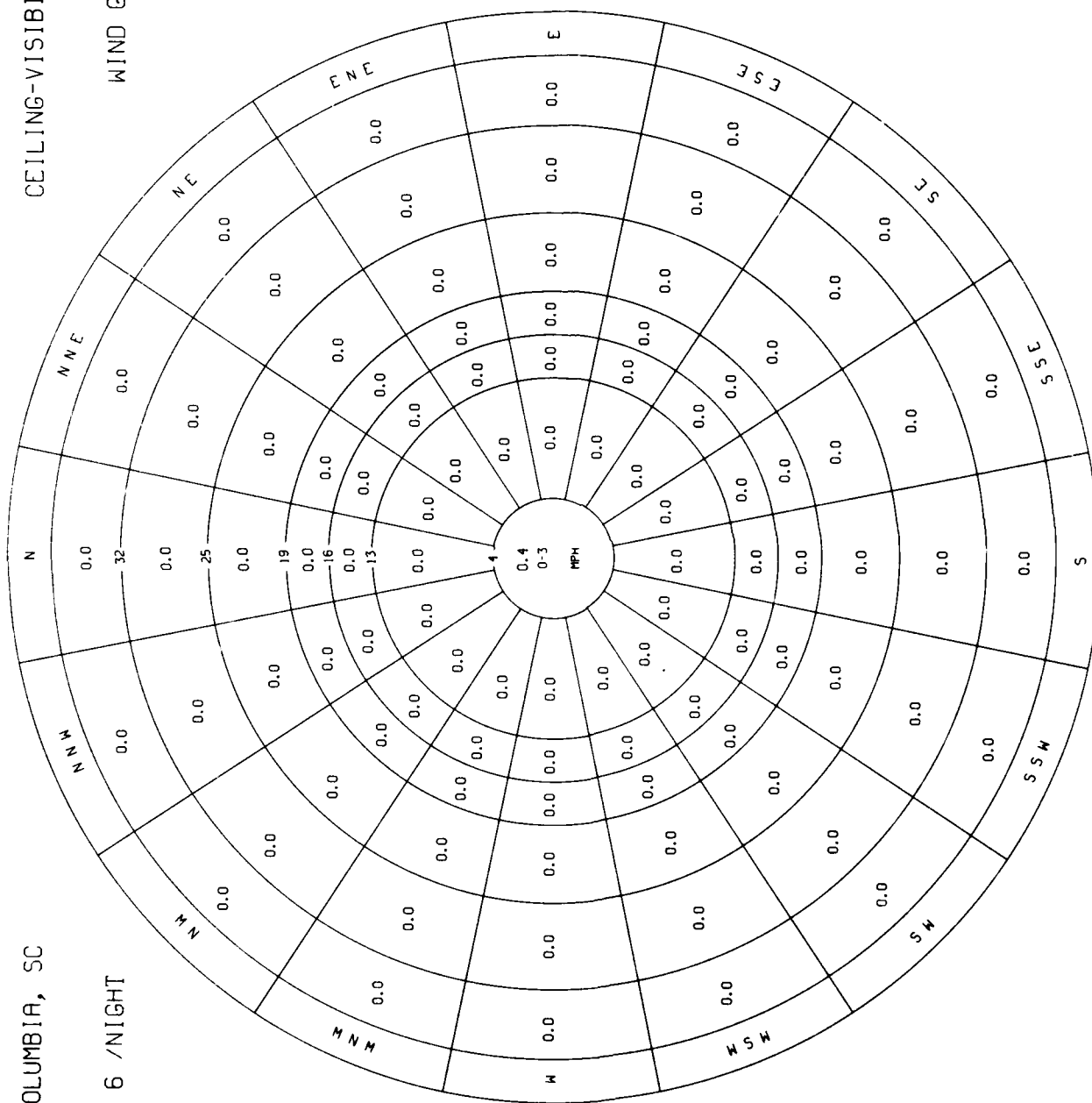
NO. OBS.: 263

STATION NUMBER: 13883

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D
N	.0	2.3	.0	1.5	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	4.2	5.5
NNE	.0	1.1	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	4.9
NE	.0	1.9	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	4.2
ENE	.0	2.7	.0	5.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.0	4.6
E	.0	4.6	.0	4.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.7	4.1
ESE	.0	2.3	.0	5.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.0	5.1
SE	.0	.8	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	2.5
SSE	.0	.8	.0	2.3	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	5.9
S	.0	2.7	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9	2.5
SSW	.0	1.9	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	2.9
SW	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	5.5
WSW	.0	.4	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	5.5
W	.0	1.1	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	3.0
WNW	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	3.0
NW	.0	1.1	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	3.5
NNW	.0	1.5	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	3.4	5.7
CALM	.2	42.2														.2	42.2	2.7
TOTAL	.4	67.7	.2	31.2	.0	.4	.0	.0	.0	.4	.0	.4	.0	.0	.0	.5	100	2.7

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: CAE COLUMBIA, SC

PERIOD: 1948-1978

CLASS 6 / NIGHT

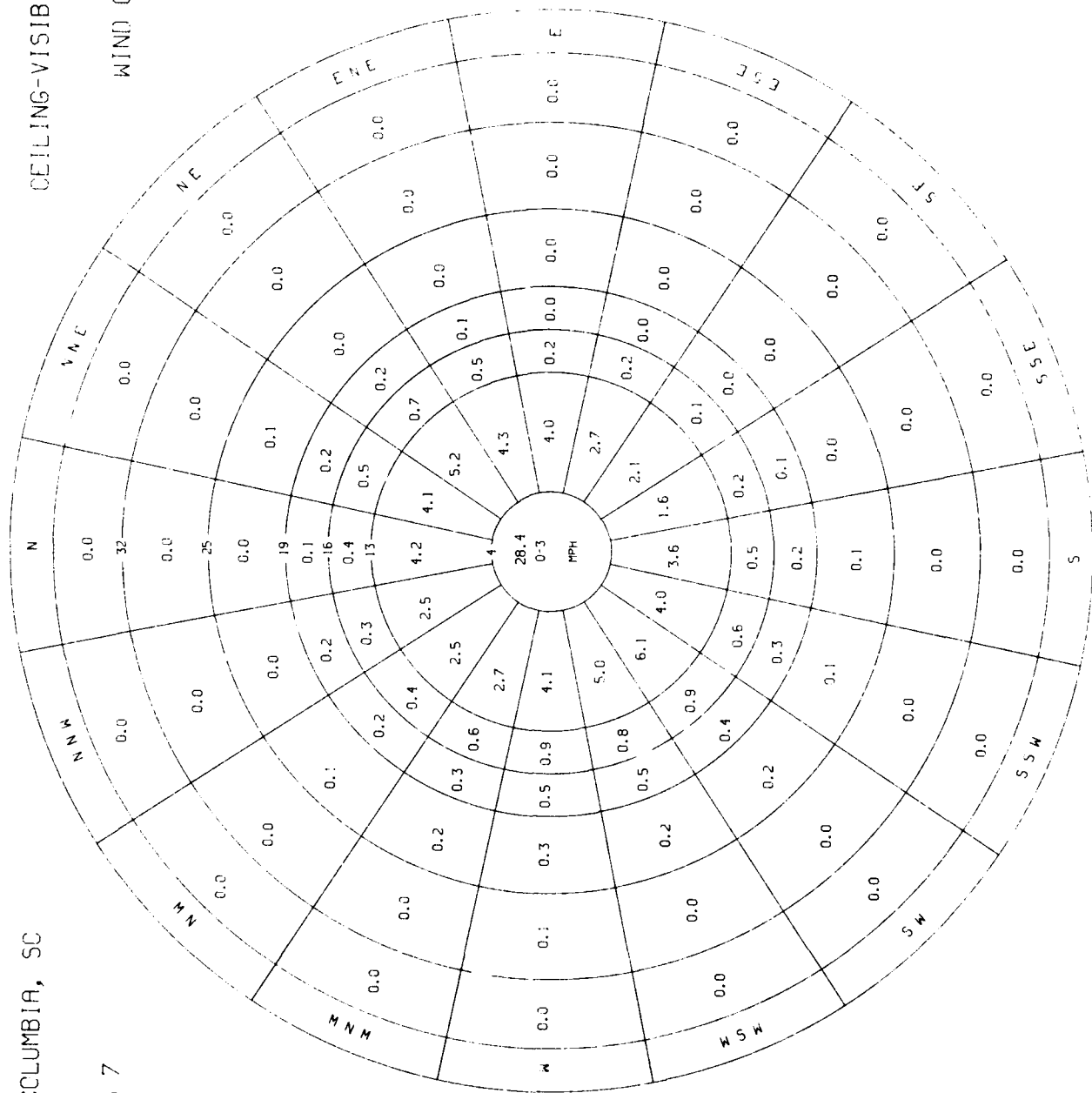
STATION NUMBER: 13883

NO. OBS.: 235

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C
N	.0	.0	.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	6.4
NNE	.0	2.1	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	3.6
NE	.0	1.3	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	3.8
ENE	.0	2.6	.0	4.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.8	4.9
E	.0	5.5	.0	6.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	11.9	4.6
ESE	.0	2.6	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7	3.8
SE	.0	1.7	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	5.1
SSE	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	8.0
S	.0	1.3	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	4.2
SSW	.0	2.1	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	4.1
SW	.0	1.7	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	4.0
WSW	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	3.0
W	.0	.9	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	4.5
WNW	.0	1.3	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	3.8
NW	.0	.4	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	5.2
NNW	.0	1.3	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	4.9
CALM	.3	45.1													.3	45.1	
TOTAL	.4	71.5	.2	28.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	100	2.5

CEILING-VISIBILITY

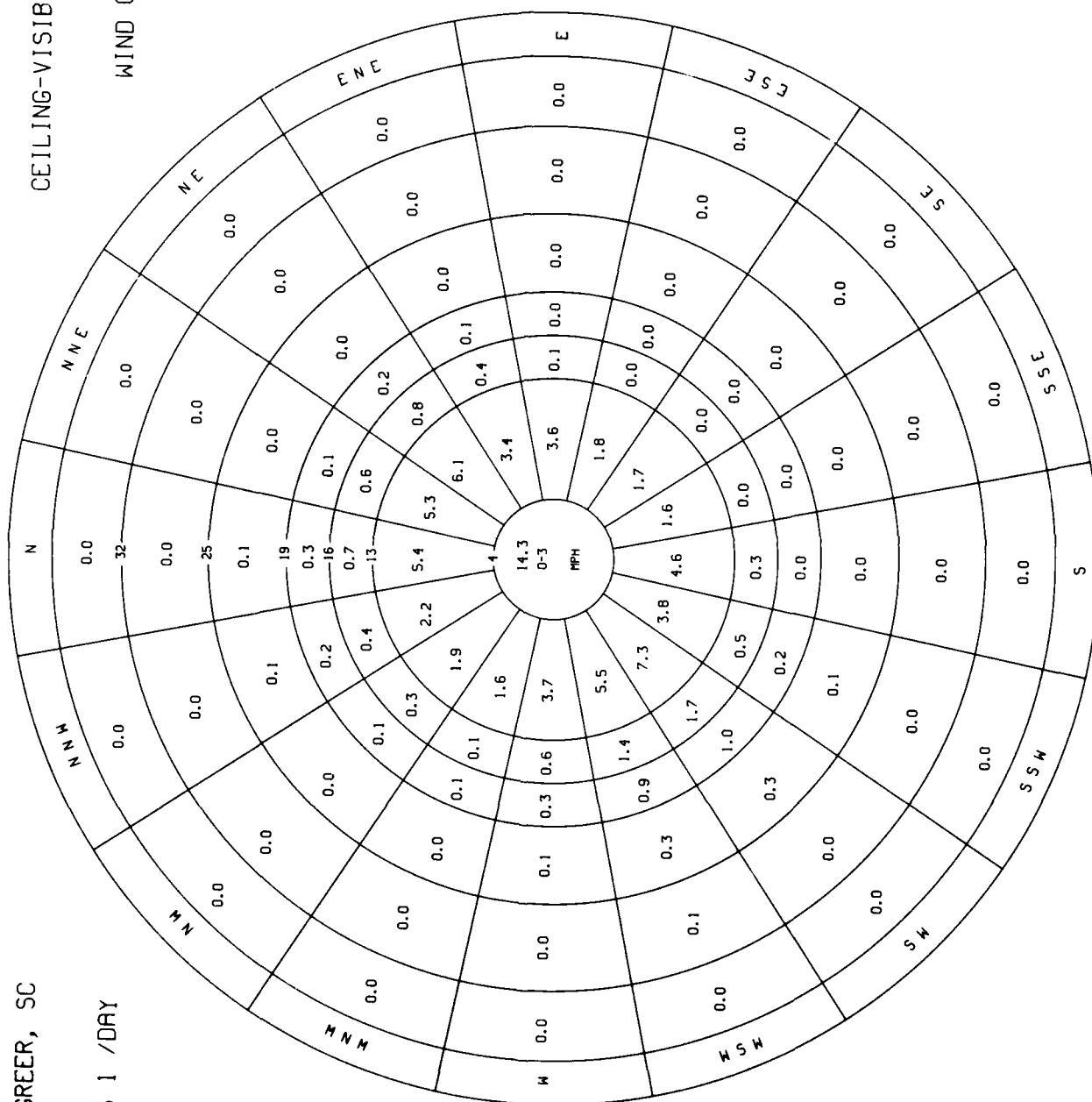
WIND GRAPH



CEILING-VISIBILITY

CLASS 1 /DAY

WIND GRAPH



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CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: GSP GREER, SC

PERIOD: 1963-1978

CLASS 1 / DAY

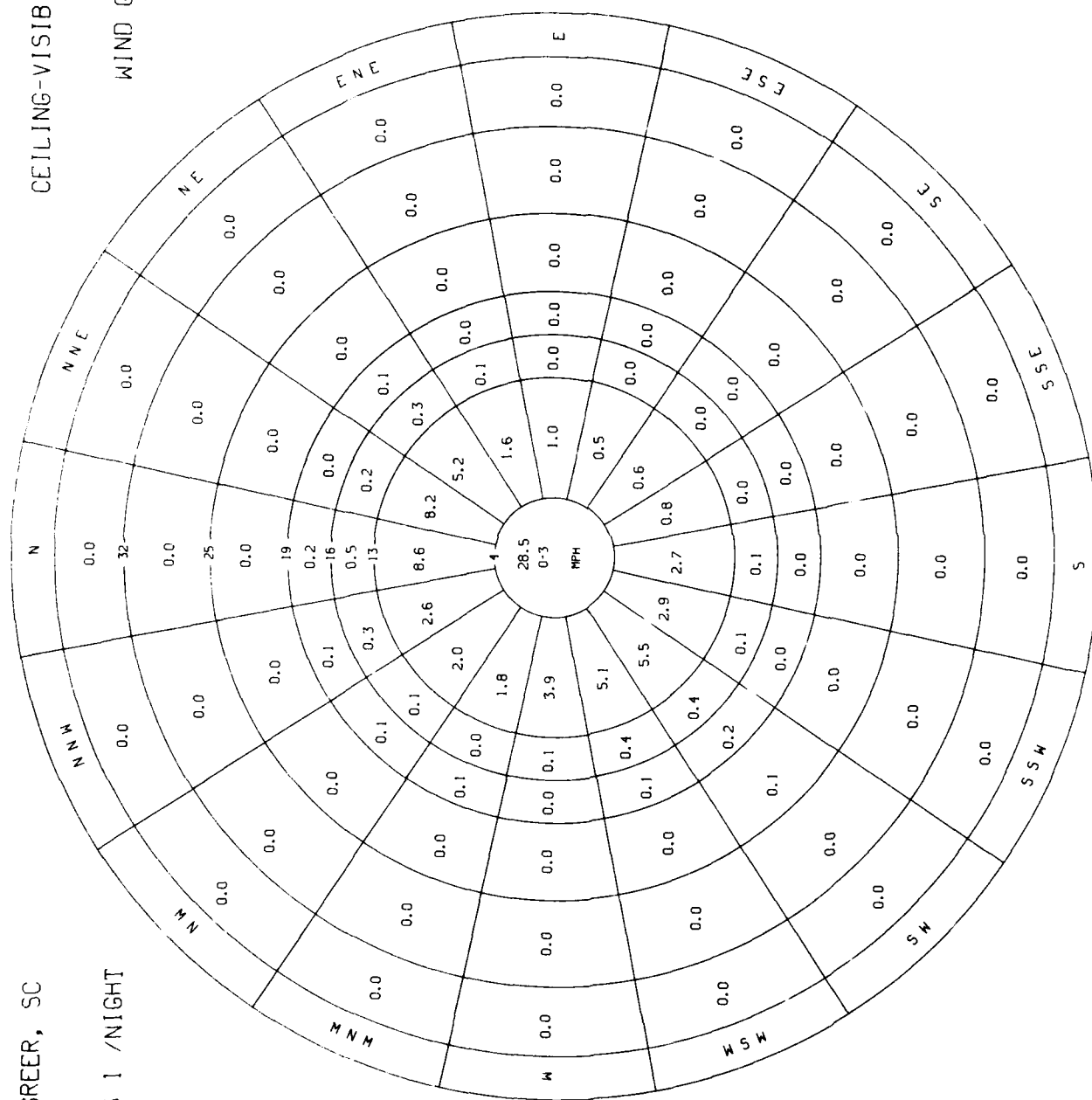
STATION NUMBER: 03870

NO. OBS.: 22276

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C
N	1.0	1.2	5.4	6.3	.7	.9	.3	.4	.1	.2	.0	.0	.0	.0	7.7	8.9	8.0
NNE	.6	.7	5.3	6.1	.6	.6	.1	.2	.0	.0	.0	.0	.0	.0	6.6	7.7	7.8
NE	.6	.7	6.1	7.1	.8	.9	.2	.2	.0	.0	.0	.0	.0	.0	7.7	9.0	8.3
ENE	.5	.5	3.4	4.0	.4	.5	.1	.1	.0	.0	.0	.0	.0	.0	4.4	5.1	8.0
E	.9	1.1	3.6	4.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	4.6	5.3	6.3
ESE	.6	.7	1.8	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	2.8	5.8
SE	.7	.8	1.7	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	2.7	5.4
SSE	.5	.6	1.6	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	2.5	5.7
S	.9	1.0	4.6	5.4	.3	.3	.0	.1	.0	.0	.0	.0	.0	.0	5.8	6.8	6.9
SSW	.5	.5	3.8	4.4	.5	.6	.2	.2	.1	.1	.0	.0	.0	.0	5.0	5.8	8.5
SW	.5	.6	7.3	8.5	1.7	1.9	1.0	1.1	.3	.4	.0	.0	.0	.0	10.8	12.5	10.0
WSW	.4	.5	5.5	6.4	1.4	1.6	.9	1.0	.3	.3	.1	.1	.0	.0	8.5	9.9	10.2
W	.5	.6	3.7	4.3	.6	.6	.3	.4	.1	.2	.0	.0	.0	.0	5.2	6.0	8.7
WNW	.5	.6	1.6	1.8	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	2.3	2.7	7.0
NW	.5	.6	1.9	2.2	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	2.7	3.1	7.5
NNW	.5	.6	2.2	2.5	.4	.5	.2	.2	.1	.1	.0	.0	.0	.0	3.4	3.9	8.5
CALM	4.6	5.3													4.6	5.3	
TOTAL	14.3	16.6	59.5	68.9	7.8	9.1	3.5	4.0	1.1	1.3	.2	.2	.0	.0	86.3	100	7.8

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: GSP GREER, SC

PERIOD: 1963-1978

CLASS 1 / NIGHT

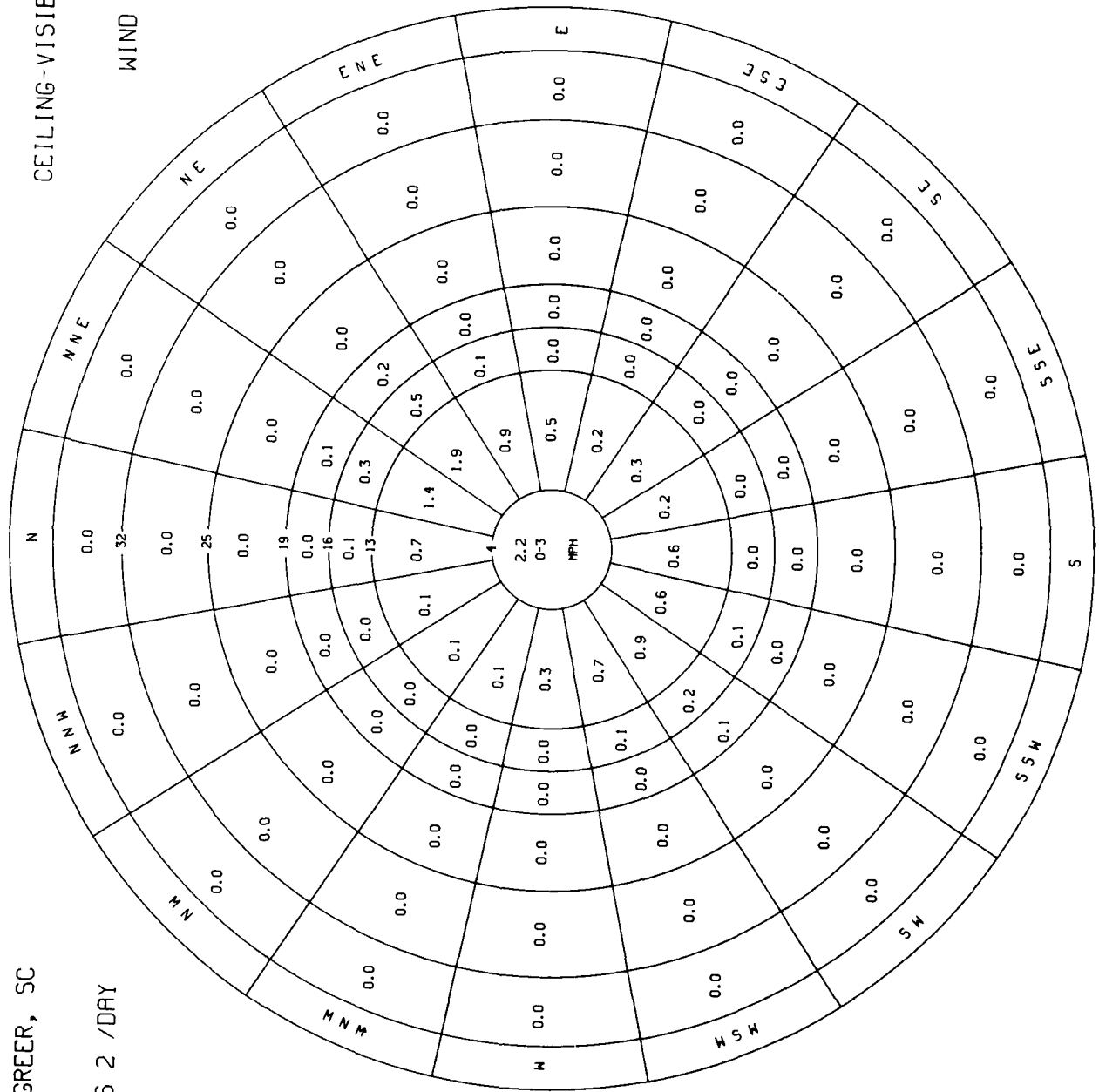
STATION NUMBER: 03870

NJ. OBS.: 17918

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D
N	2.7	3.1	8.6	10.1	.5	.6	.2	.2	.0	.0	.0	.0	.0	.0	.0	12.0	14.1	6.2
NNE	1.2	1.4	8.2	9.6	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.7	11.3	6.5
NE	.9	1.0	5.2	6.0	.3	.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	6.4	7.5	6.3
ENE	.4	.4	1.6	1.9	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	2.4	6.4
E	.5	.6	1.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	1.9	5.3
ESE	.4	.5	.5	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	1.1	4.7
SE	.5	.6	.6	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	1.3	4.4
SSE	.5	.5	.8	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	1.4	4.9
S	1.2	1.4	2.7	3.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	4.7	5.8
SSW	.9	1.1	2.9	3.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9	4.6	6.1
SW	1.1	1.3	5.5	6.4	.4	.5	.2	.3	.1	.1	.0	.0	.0	.0	.0	7.3	8.6	7.3
WSW	.9	1.1	5.1	5.9	.4	.5	.1	.2	.0	.0	.0	.0	.0	.0	.0	6.6	7.7	7.3
W	.9	1.1	3.9	4.5	.1	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	5.0	5.9	6.3
WNW	.6	.8	1.8	2.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	2.6	3.0	5.7
NW	.8	.9	2.0	2.3	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	3.0	3.5	6.1
NNW	1.0	1.2	2.6	3.1	.3	.4	.1	.2	.0	.1	.0	.0	.0	.0	.0	4.1	4.8	6.9
CALM	13.9	16.3														13.9	16.3	
TOTAL	28.5	33.3	53.1	62.1	2.7	3.2	1.0	1.2	.2	.3	.0	.0	.0	.0	.0	85.6	100	5.4

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: GSP GREER, SC

PERIOD: 1963-1978

CLASS 2 / DAY

STATION NUMBER: 03870

NO. OBS.: 3527

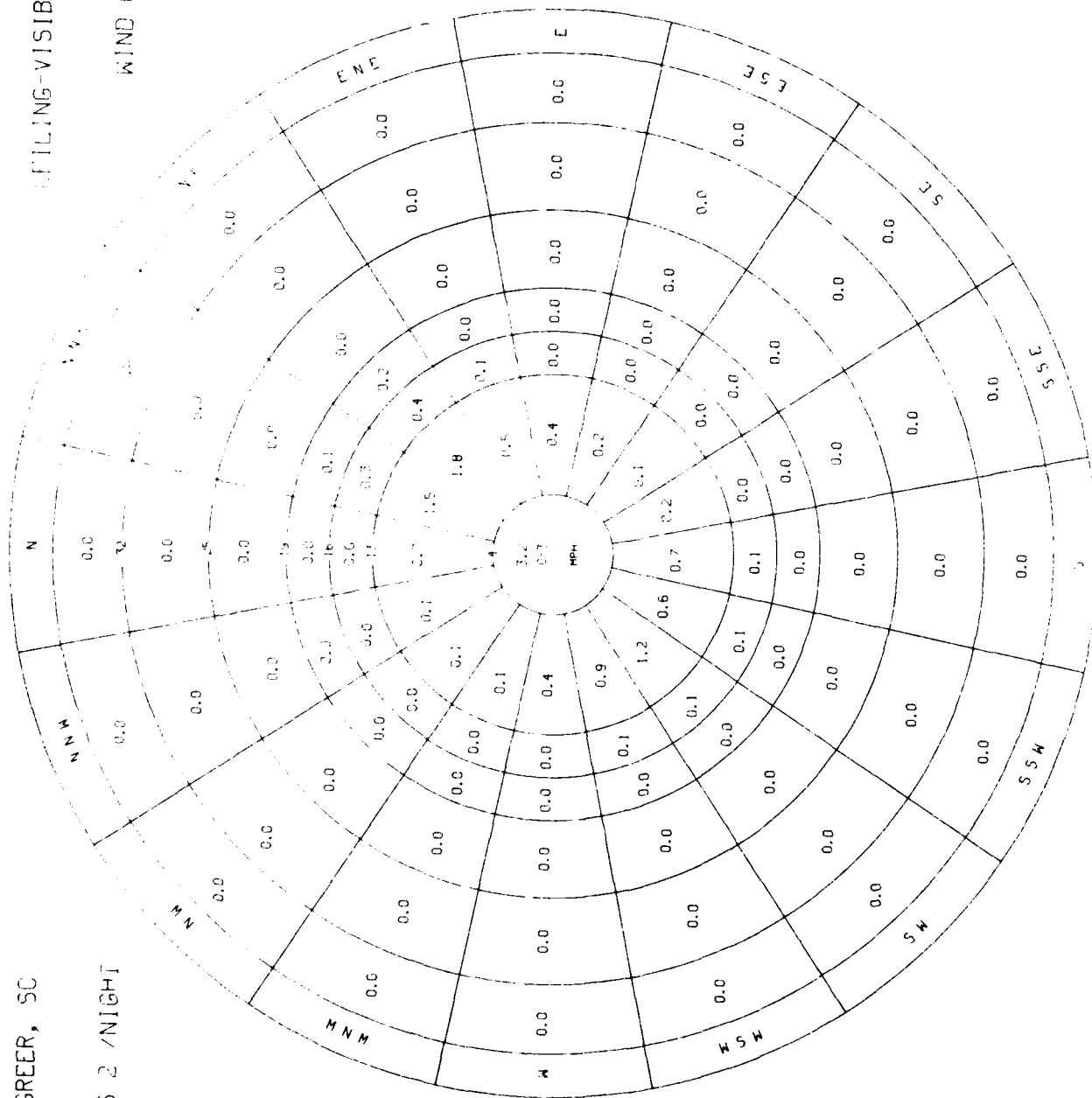
O I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	.2	1.1	.7	4.8	.1	.4	.0	.1	.0	.0	.0	.0	.0	.0	.9	6.4	6.9
NNE	.1	.9	1.4	10.0	.3	2.0	.1	.5	.0	.0	.0	.0	.0	.0	1.8	13.3	
NE	.1	.9	1.9	13.6	.5	3.4	.2	1.3	.0	.0	.0	.0	.0	.0	2.7	19.6	9.8
ENE	.1	.9	.9	6.8	.1	.6	.0	.1	.0	.0	.0	.0	.0	.0	1.1	8.4	
E	.1	.8	.5	4.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.7	4.9	6.7
ESE	.1	.6	.2	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	2.2	
SE	.1	.6	.3	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	2.5	5.6
SSE	.1	.5	.2	1.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.3	2.0	
S	.1	.9	.6	4.7	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.8	6.0	7.1
SSW	.1	.6	.6	4.3	.1	.5	.0	.2	.0	.1	.0	.0	.0	.0	.8	5.7	
SW	.1	.6	.9	6.9	.2	1.3	.1	.5	.0	.1	.0	.0	.0	.0	1.3	9.4	9.2
WSW	.1	.6	.7	5.4	.1	.8	.0	.2	.0	.1	.0	.0	.0	.0	1.0	7.0	
W	.1	.6	.3	2.6	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.4	3.2	8.6
WNW	.0	.3	.1	.7	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.2	1.1	
NW	.0	.3	.1	.7	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.1	6.2
NNW	.1	.5	.1	.8	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.4	
CALM	.8	5.9													.8	5.9	7.7
TOTAL	2.2	16.4	9.6	70.0	1.3	9.6	.4	3.2	.1	.7	.0	.1	.0	.0	13.7	100	

GSP GREER, SC

CLASS 2 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: GSP GREER, SC

PERIOD: 1963-1978

CLASS 2 / NIGHT

STATION NUMBER: 03870

NO. OBS.: 3023

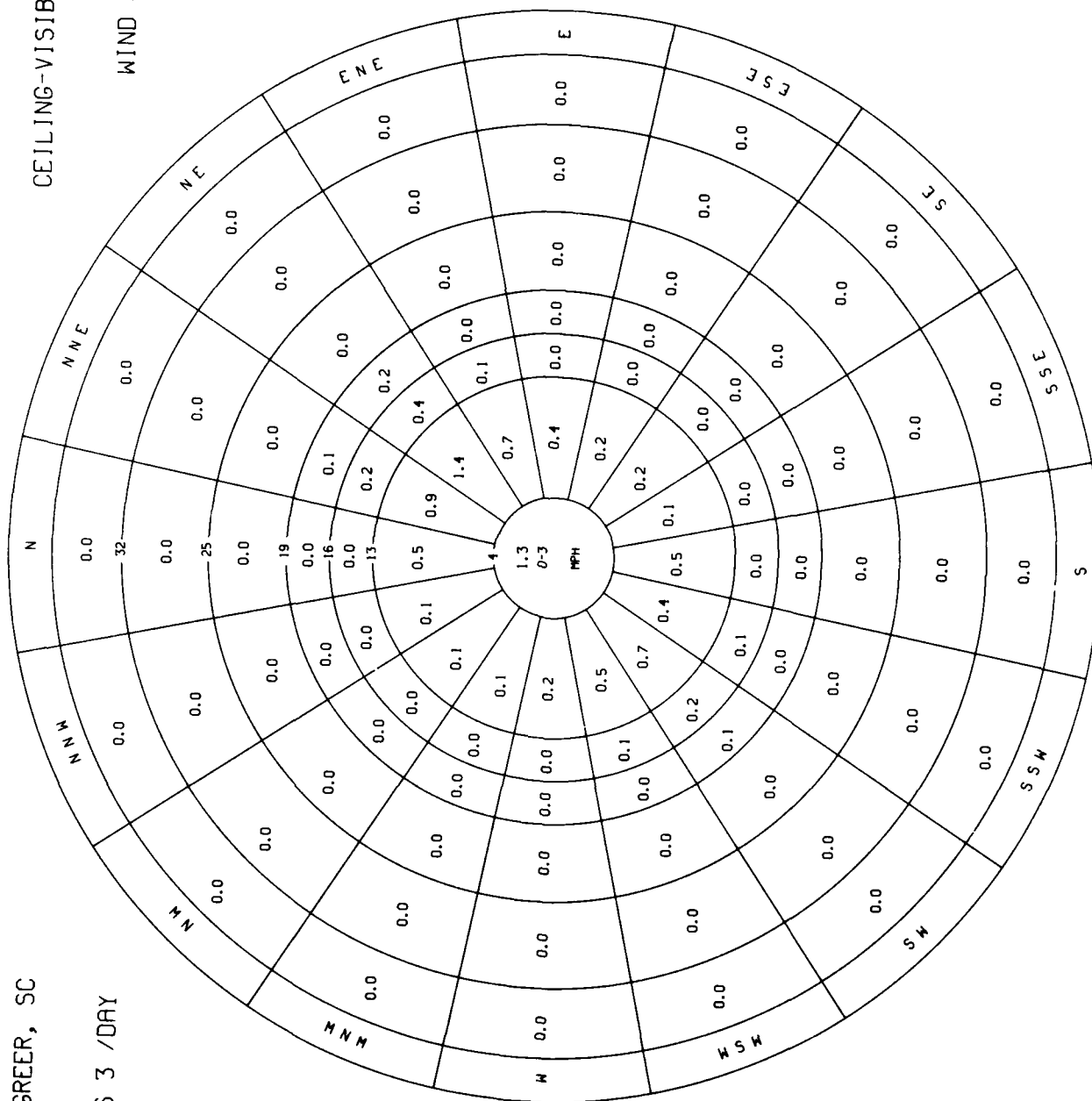
D I P	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.2	1.7	.7	5.1	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	1.0 7.1
NNE	.2	1.2	1.5	10.1	.3	1.8	.1	.6	.0	.1	.0	.0	.0	.0	2.0 13.7
NNE	.2	1.5	1.8	12.7	.4	2.5	.2	1.1	.0	.3	.0	.0	.0	.0	2.6 18.1
NNE	.1	.6	.5	3.5	.1	.4	.0	.2	.0	.0	.0	.0	.0	.0	.7 4.7
E	.1	.7	.4	2.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.5 3.2
ESE	.1	.5	.2	1.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2 1.7
SE	.1	.5	.1	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 1.5
SSE	.1	.6	.2	1.3	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.3 2.2
S	.1	.8	.7	4.9	.1	.5	.0	.3	.0	.1	.0	.0	.0	.0	1.0 6.6
SSW	.1	.6	.6	4.2	.1	.5	.0	.2	.0	.0	.0	.0	.0	.0	.8 5.5
SW	.2	1.2	1.2	9.1	.1	.9	.0	.3	.0	.1	.0	.0	.0	.0	1.5 10.7
WSW	.1	.6	.9	6.0	.1	.8	.0	.2	.0	.0	.0	.0	.0	.0	1.1 7.6
W	.1	.8	.4	2.9	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.5 3.8
WNW	.1	.4	.1	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 1.4
NW	.1	.4	.1	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 .9
NNW	.1	.4	.1	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.0
CALM	1.5	10.3													1.5 10.3
TOTAL	2.2	22.5	9.4	65.4	1.2	8.3	.4	3.1	.1	.6	.0	.1	.0	.0	14.4 100

GSP GREER, SC

CLASS 3 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: GSP GREER, SC

PERIOD: 1963-1978

CLASS 3 / DAY

STATION NUMBER: 03870

NO. OBS.: 2538

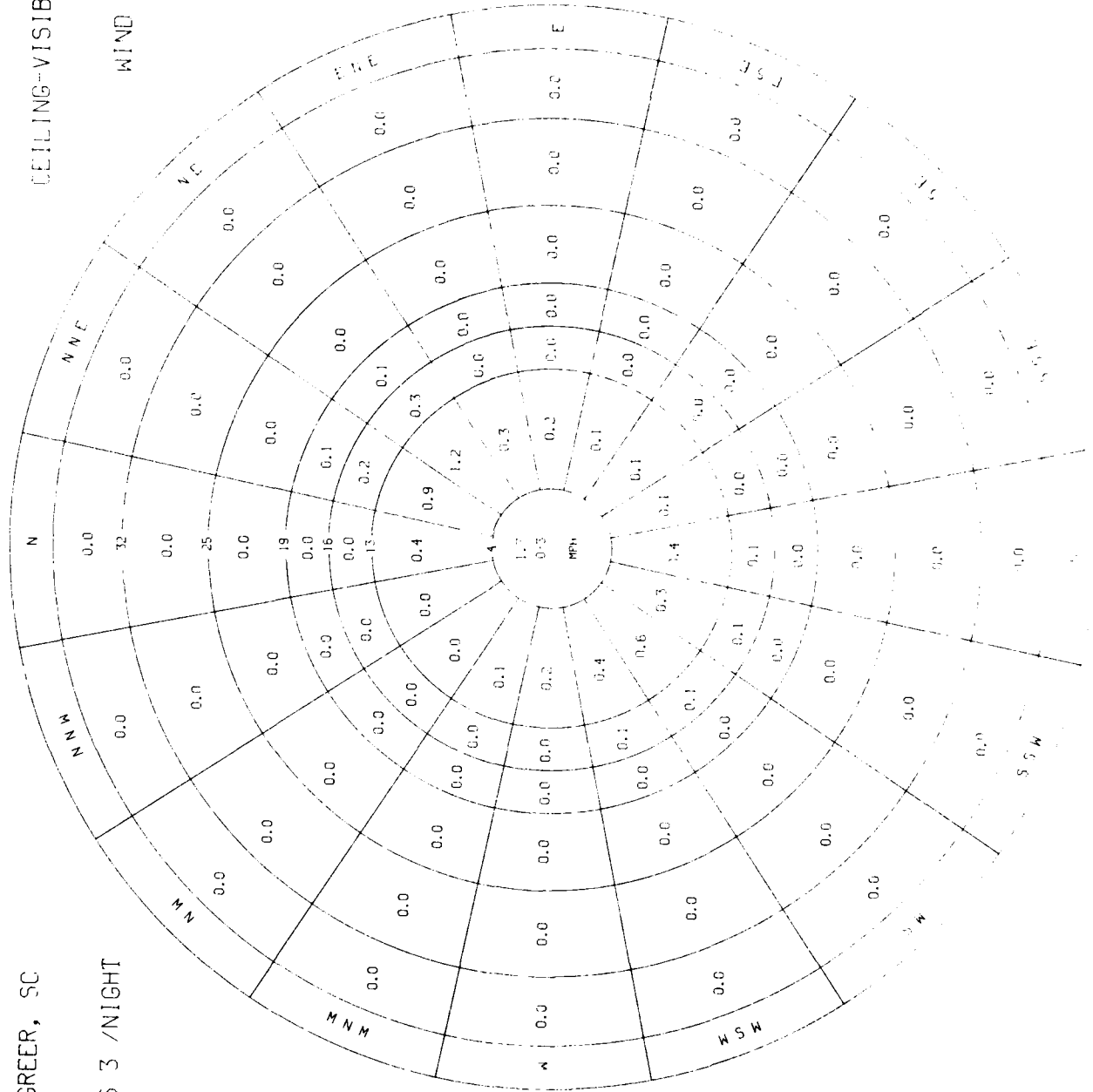
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.1	.8	.5	4.8	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.6	6.0	7.1
NNE	.1	.8	.9	9.7	.2	2.4	.1	.7	.0	.0	.0	.0	.0	.0	1.3	13.6	9.5
NE	.1	.9	1.4	13.9	.4	4.2	.2	1.7	.0	.4	.0	.0	.0	.0	2.1	21.2	10.2
ENE	.1	.6	.7	6.9	.1	.7	.0	.2	.0	.0	.0	.0	.0	.0	.8	8.4	8.4
E	.1	.6	.4	4.4	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.5	5.2	6.9
ESE	.1	.6	.2	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.2	5.6
SE	.1	.5	.2	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.4	5.8
SSE	.1	.6	.1	1.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.7	5.9
S	.1	.7	.5	4.7	.0	.3	.0	.2	.0	.0	.0	.0	.0	.0	.6	5.9	7.5
SSW	.0	.4	.4	4.0	.1	.7	.0	.2	.0	.1	.0	.0	.0	.0	.5	5.4	9.2
SW	.0	.4	.7	6.9	.2	1.8	.1	.5	.0	.2	.0	.0	.0	.0	.9	9.7	9.9
WSW	.1	.5	.5	5.4	.1	.9	.0	.3	.0	.1	.0	.0	.0	.0	.7	7.2	9.0
W	.0	.4	.2	2.5	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.3	3.1	7.0
WNW	.0	.2	.1	.7	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	1.0	6.5
NW	.0	.2	.1	.7	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.9	6.5
NNW	.0	.2	.1	.8	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.1	6.9
CALM	.5	5.0													.5	5.0	
TOTAL	1.3	13.4	6.9	69.8	1.2	11.9	.4	4.1	.1	.8	.0	.1	.0	.0	9.8	100	8.3

GSP GREER, SC

CLASS 3 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: GSP GREER, SC

PERIOD: 1963-1978

CLASS 3 / NIGHT

STATION NUMBER: 03870

NO. OBS.: 1802

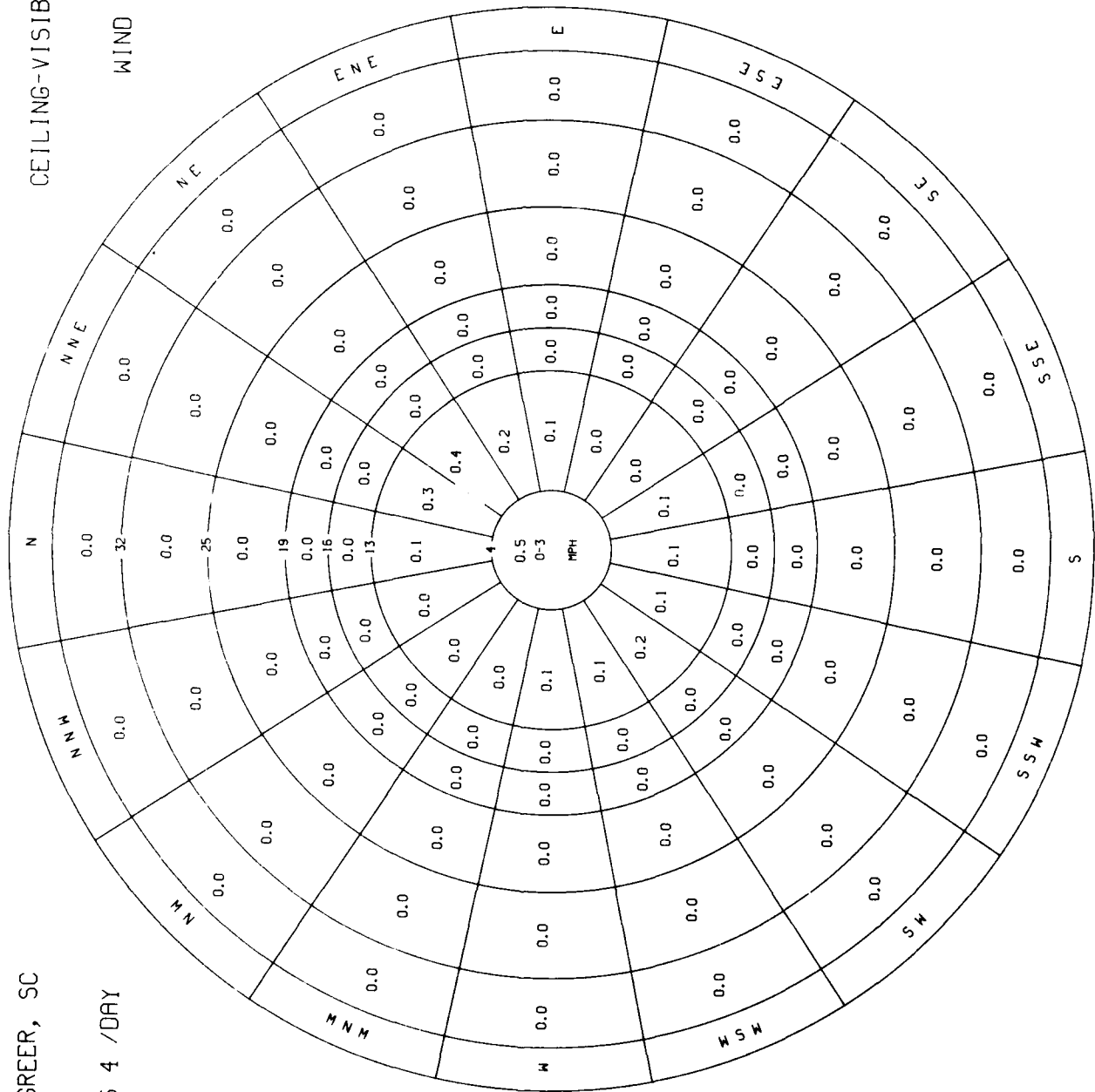
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.1	1.6	.4	4.9	.0	.5	.0	.2	.0	.0	.0	.0	.0	.0	.6 7.2
NNE	.1	1.2	.9	10.4	.2	2.4	.1	.9	.0	.1	.0	.0	.0	.0	1.3 15.0
NNE	.1	1.4	1.2	13.4	.3	3.6	.1	1.6	.0	.3	.0	.1	.0	.1	1.8 20.4
NNE	.0	.6	.3	3.7	.0	.5	.0	.2	.0	.1	.0	.0	.0	.0	.4 5.0
E	.1	.8	.2	2.6	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.3 3.4
ESE	.0	.4	.1	.9	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.6
SE	.0	.5	.1	.8	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.4
SSE	.1	.6	.1	1.2	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.2 2.1
S	.1	.7	.4	5.1	.1	.3	.0	.2	.0	.1	.0	.1	.0	.0	.6 7.2
SSW	.1	.6	.3	3.0	.1	.3	.0	.3	.0	.1	.0	.0	.0	.0	.5 5.8
SW	.1	1.0	.6	7.3	.1	1.3	.0	.5	.0	.2	.0	.0	.0	.0	.9 10.3
WSW	.0	.6	.4	4.9	.1	.3	.0	.2	.0	.0	.0	.1	.0	.0	.6 6.7
W	.1	.7	.2	2.2	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.3 3.1
WNW	.0	.2	.1	.8	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1 .9
NW	.0	.3	.0	.4	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1 .8
NNW	.0	.2	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1 .7
CALM	.7	8.5													.7 8.5
TOTAL	1.7	19.9	6.4	62.7	1.0	1.9	.4	4.6	.1	.9	.0	.2	.0	.1	8.6 100

GSP GREER, SC

CLASS 4 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: GSP GREER, SC

PERIOD: 1963-1978

CLASS 4 / DAY

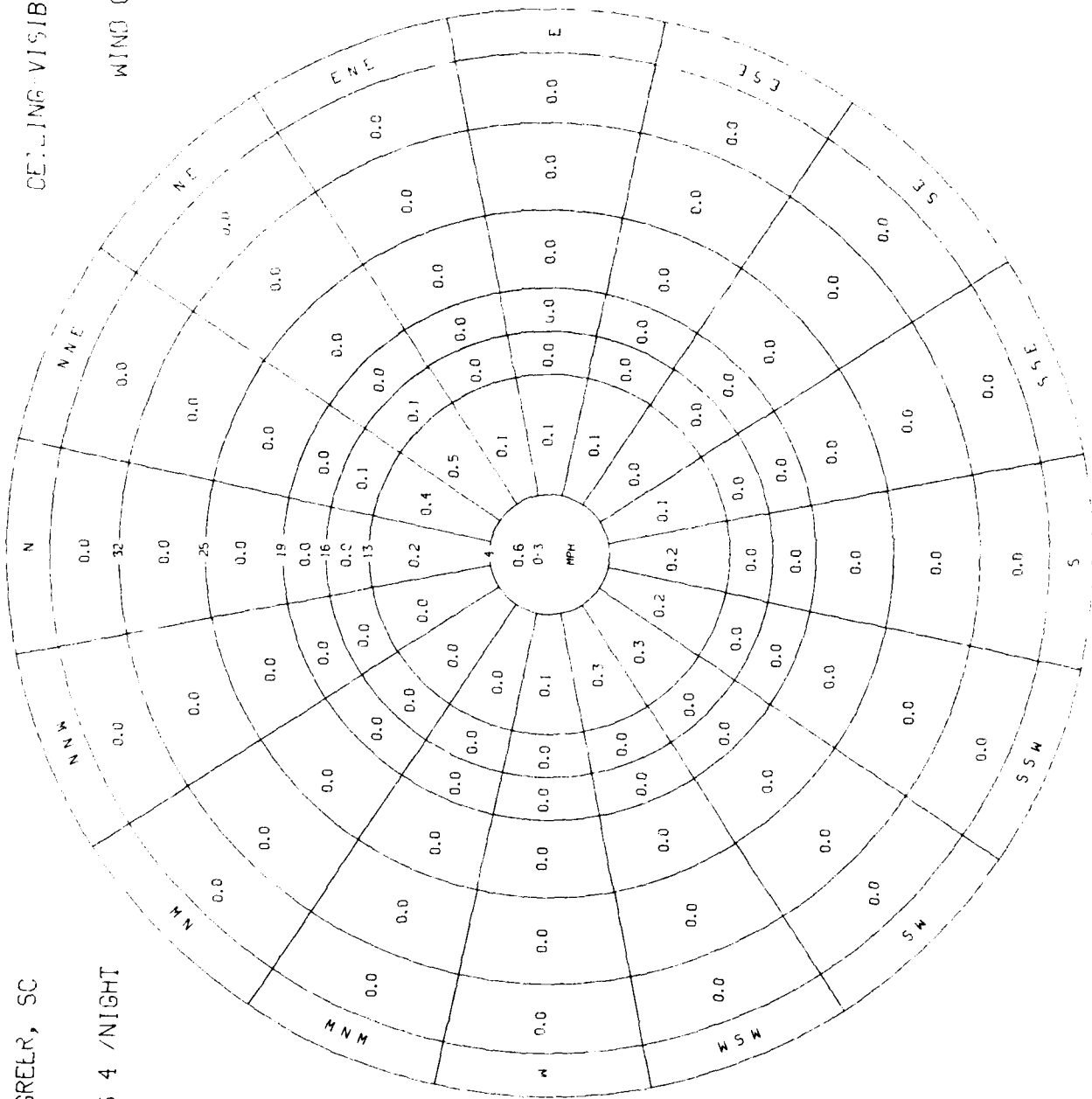
STATION NUMBER: 03870

NO. OBS.: 674

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	1.3	.1	4.2	.0	.6	.0	.1	.0	.0	.0	.0	.0	.0	.2 6.2 7.4
NNE	.0	.9	.3	12.9	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.4 14.8 8.4
NE	.0	1.0	.4	15.0	.0	1.6	.0	.4	.0	.0	.0	.0	.0	.0	.5 18.1 8.7
ENE	.0	1.6	.2	7.7	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.3 9.9 7.3
E	.0	1.5	.1	3.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1 4.9 5.9
ESE	.0	.4	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 2.1 5.9
SE	.0	.7	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 2.5 5.4
SSE	.0	.4	.1	1.9	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1 2.5 6.9
S	.0	.9	.1	5.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 6.1 5.7
SSW	.0	.7	.1	4.7	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.2 5.8 7.1
SW	.0	.7	.2	7.3	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.2 8.6 7.6
WSW	.0	.3	.1	4.9	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.2 5.8 7.7
W	.0	.4	.1	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 2.8 6.4
WNW	.0	.3	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0 .7 7.6
NW	.0	.7	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.6 5.2
NNW	.0	1.2	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.8 4.2
CALM	.1	5.6													.1 5.6
TOTAL	.5	19.0	1.9	74.6	.1	5.2	.0	1.0	.0	.1	.0	.0	.0	.0	2.6 100 7.0

GSP GRELR, SC
 CLASS 4 /NIGHT

CEILING-VISIBILITY
 WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: GSE GREER, SC

PERIOD: 1963-1978

CLASS 4 / NIGHT

STATION NUMBER: 03870

NO. OBS.: 723

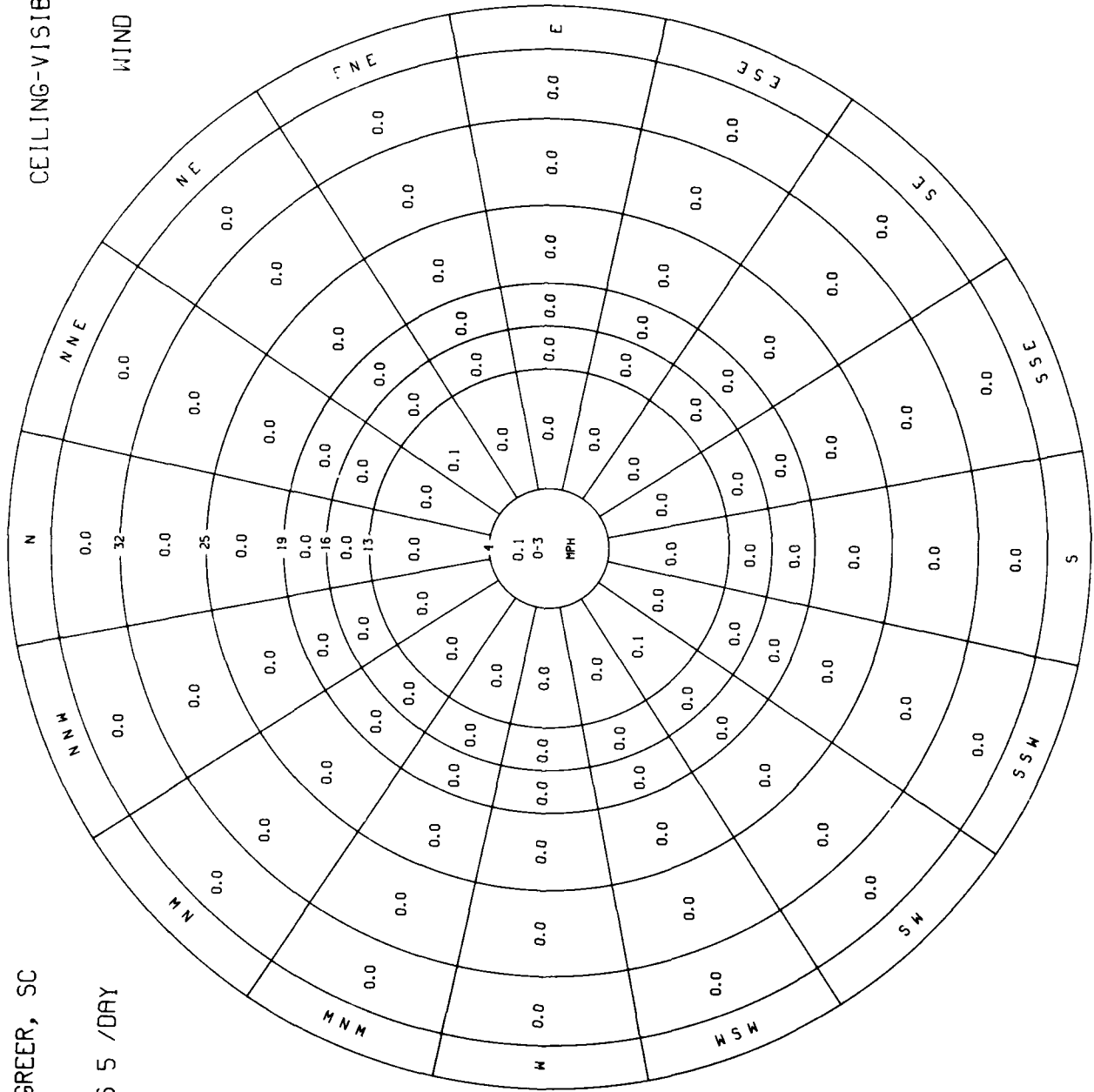
D I P	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.8	.2	5.9	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.2 6.9
NNE	.0	1.0	.4	11.8	.1	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.5 14.2
NE	.0	1.4	.5	15.1	.1	1.5	.0	.6	.0	.1	.0	.0	.0	.0	.6 18.1
ENE	.0	.3	.1	4.1	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.2 4.9
E	.0	.8	.1	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 3.9
ESE	.0	.6	.1	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 2.6
SE	.0	.3	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.4
SSE	.0	.3	.1	1.7	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1 2.2
S	.0	.8	.2	4.4	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.2 5.5
SSW	.0	.6	.2	4.6	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2 5.3
SW	.0	1.1	.3	8.9	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.4 10.5
WSW	.0	.1	.3	7.5	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.3 9.3
W	.0	.1	.1	3.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 3.9
WNW	.0	.3	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.4
NW	.0	.3	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.0
NNW	.0	.1	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.0
CALM	.3	8.6													.3 8.6
TOTAL	.6	17.4	2.6	76.2	.1	5.1	.0	1.1	.0	.1	.0	.0	.0	.0	5.1 17.4

GSP GREER, SC

CLASS 5 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: GSP GREER, SC

PERIOD: 1963-1978

CLASS 5 / DAY

STATION NUMBER: 03870

NO. OBS.: 161

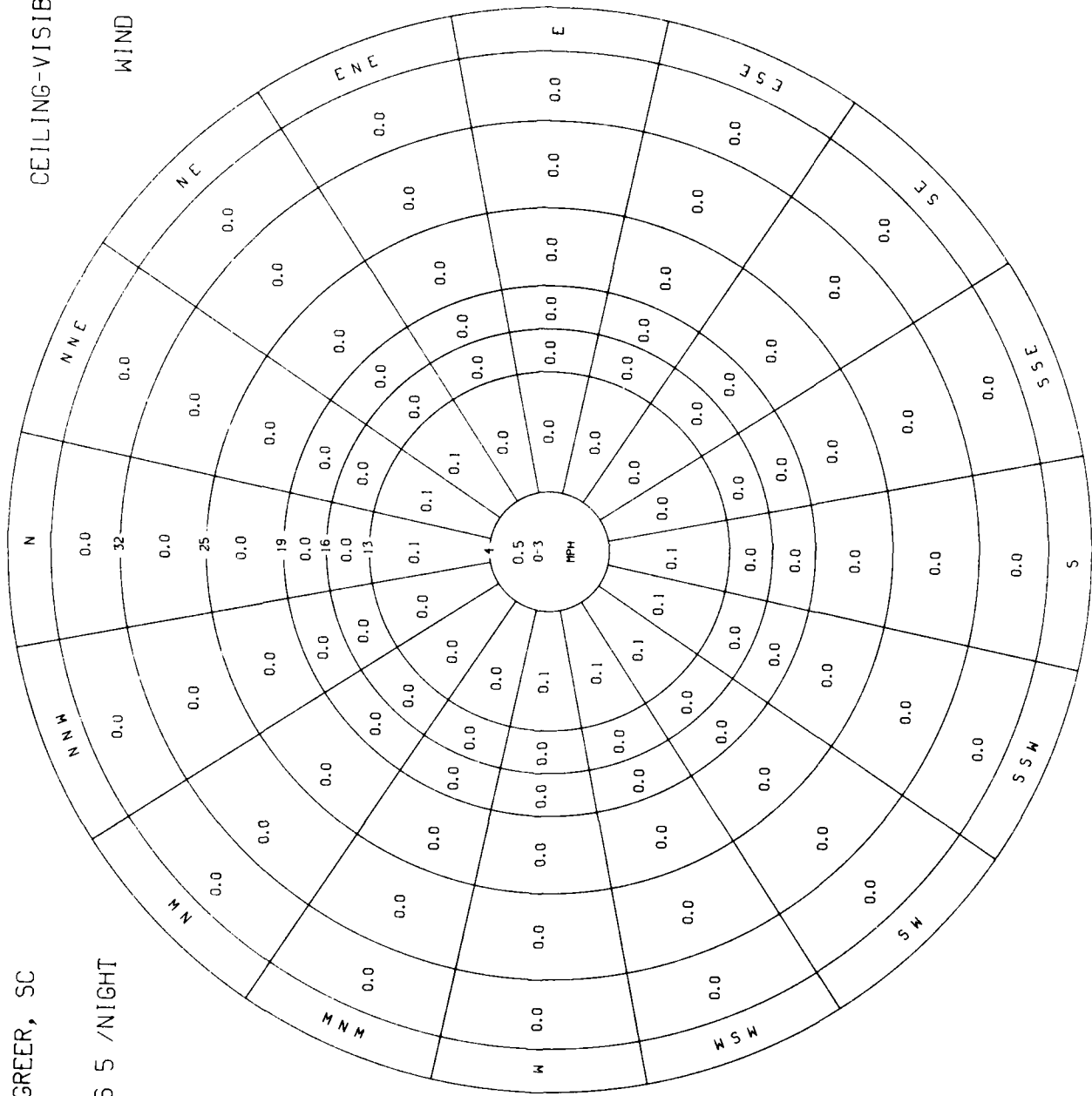
D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	.0	.6	.0	6.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.5	5.7
NNE	.0	1.2	.0	6.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	8.1	6.2
NE	.0	.6	.1	10.6	.0	.6	.0	.6	.0	.6	.0	.0	.0	.0	.1	13.0	8.5
ENE	.0	.6	.0	5.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.2	6.4
E	.0	.6	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	7.0
ESE	.0	.6	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	4.7
SE	.0	1.2	.0	3.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0	4.7
SSE	.0	.0	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	6.4
S	.0	.6	.0	5.0	.0	.6	.0	.0	.0	.6	.0	.0	.0	.0	.0	6.8	8.4
SSW	.0	2.5	.0	5.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.5	5.3
SW	.0	1.2	.1	8.1	.0	.0	.0	.6	.0	.6	.0	.0	.0	.0	.1	10.6	8.1
WSW	.0	.0	.0	7.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.5	8.1
W	.0	.6	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	5.7
WNW	.0	.6	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	4.7
NW	.0	.6	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	4.5
NNW	.0	1.9	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	4.5
CALM	.1	9.9													.1	9.9	
TOTAL	.1	23.6	.4	72.0	.0	1.2	.0	1.2	.0	1.9	.0	.0	.0	.0	.6	100	6.1

GSP GREER, SC

CLASS 5 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: GSP GREER, SC

PERIOD: 1963-1978

CLASS 5 / NIGHT

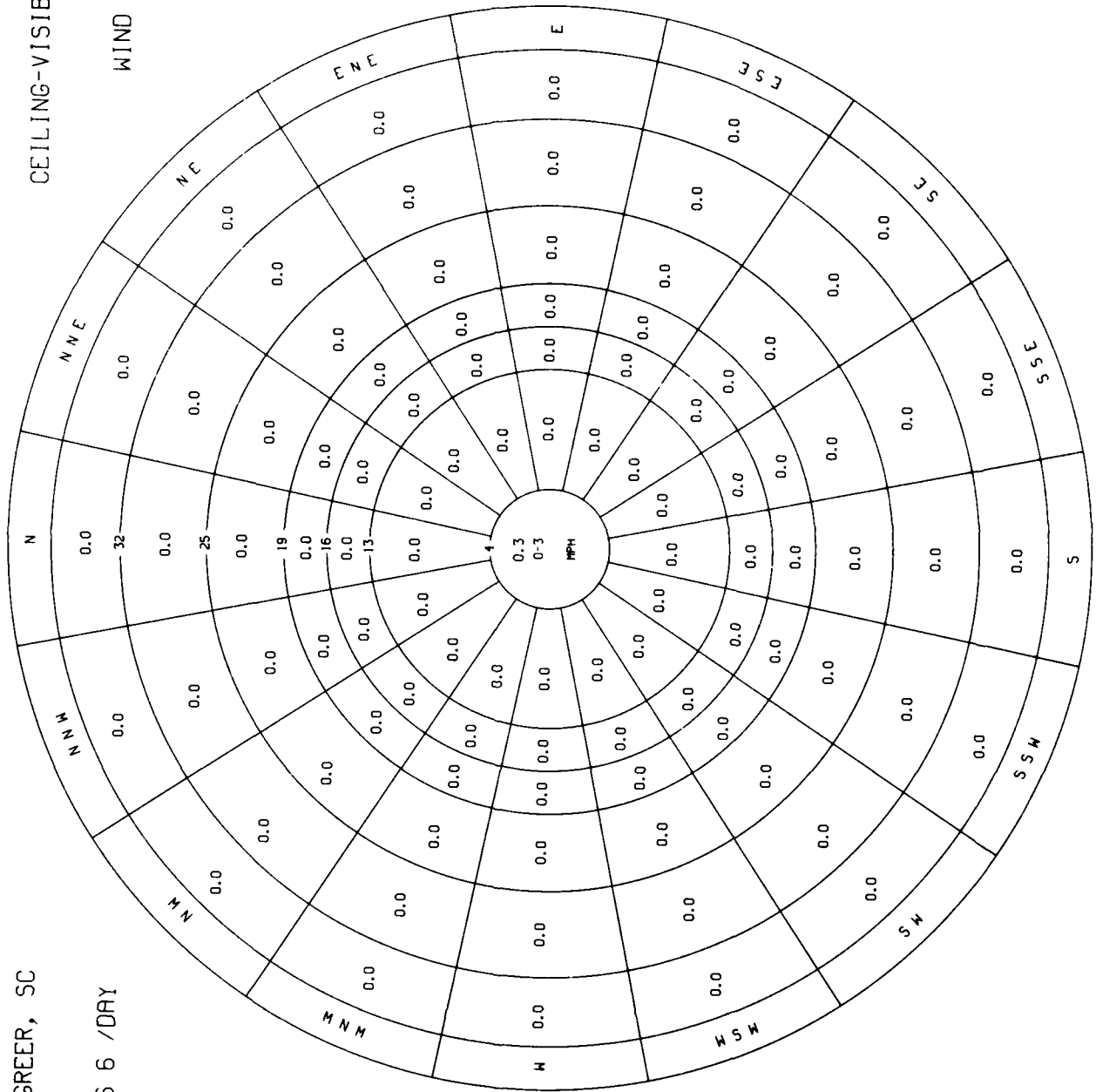
STATION NUMBER: 03870

NO. OBS.: 307

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	2.6	.1	5.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 7.8
NNE	.0	2.0	.1	7.5	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.1 9.8
NE	.0	2.3	.1	8.8	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.2 11.4
ENE	.0	1.6	.0	1.6	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.1 3.9
E	.0	.3	.0	1.3	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0 2.0
ESE	.0	.7	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.0
SE	.0	.7	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.6
SSE	.0	1.3	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.9
S	.0	1.3	.1	5.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 6.8
SSW	.0	.3	.1	4.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 4.6
SW	.0	2.0	.1	9.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 11.1
WSW	.0	.7	.1	9.1	.0	1.0	.0	.3	.0	.0	.0	.0	.0	.0	.2 11.1
W	.0	1.0	.1	4.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 5.2
WNW	.0	.7	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.9
NW	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .7
NNW	.0	1.3	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.0
CALM	.2	15.3													.2 15.3
TOTAL	.5	34.2	.9	62.9	.0	1.3	.0	1.3	.0	.3	.0	.0	.0	.0	1.5 100

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: GSP GREER, SC

PERIOD: 1963-1978

CLASS 6 / DAY

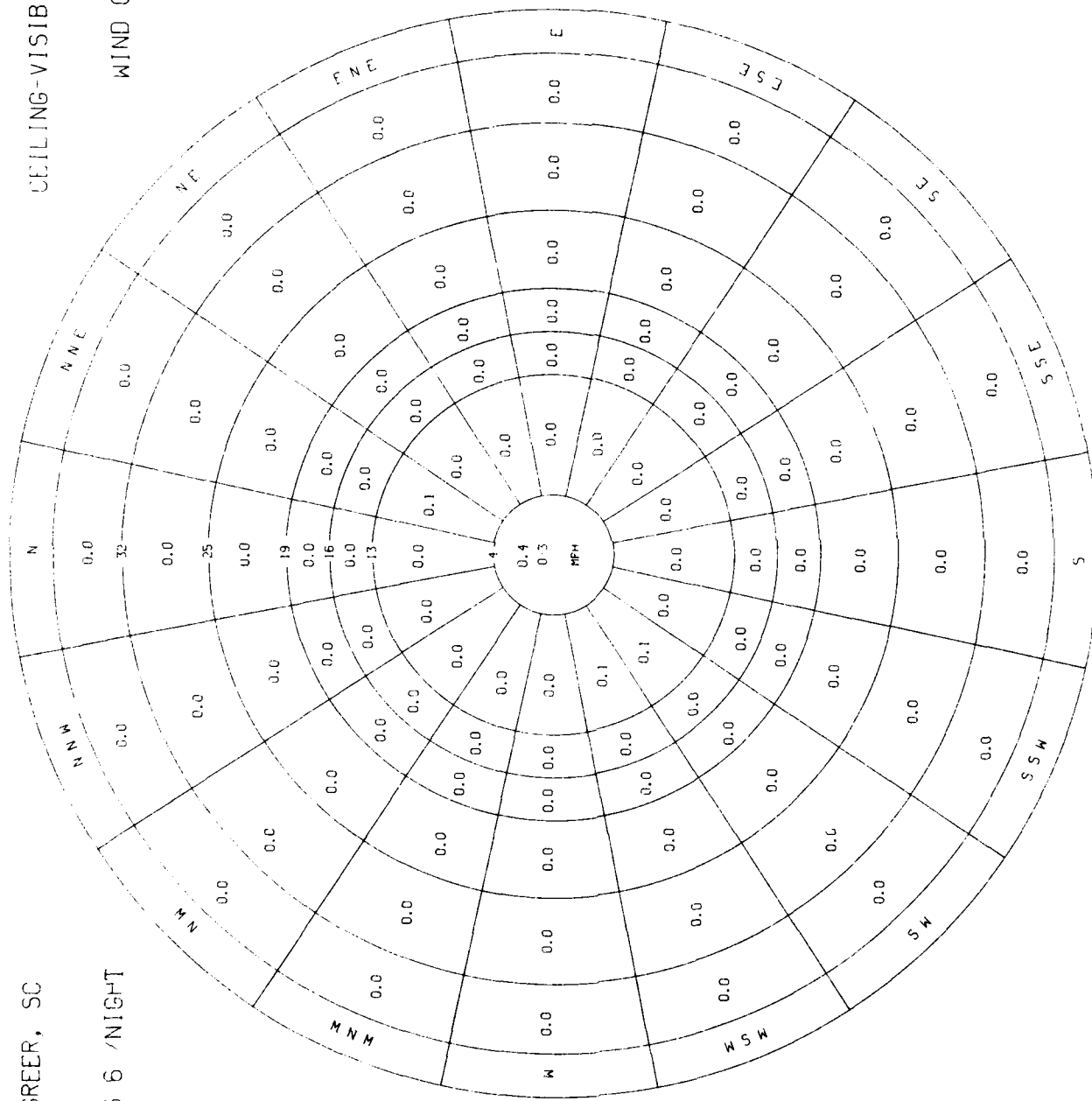
STATION NUMBER: 03870

NO. OBS.: 154

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	6.5	.0	5.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	11.7	4.6
NNE	.0	1.3	.0	5.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.5	5.7
NE	.0	1.3	.0	5.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.5	6.7
ENE	.0	1.9	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9	5.8
E	.0	.6	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	4.0
ESE	.0	.0	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	5.7
SE	.0	.0	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	7.0
SSE	.0	.6	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	4.5
S	.0	2.6	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.2	4.7
SSW	.0	2.6	.0	6.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	9.1	5.9
SW	.0	2.6	.0	4.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.1	5.3
WSW	.0	3.2	.0	5.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	8.4	5.6
W	.0	3.2	.0	5.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	8.4	4.9
WNW	.0	1.3	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2	4.6
NW	.0	1.3	.0	.6	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	6.3
NNW	.0	.6	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	4.5
CALM	.1	18.2													.1	18.2	
TOTAL	.3	48.1	.3	51.3	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.6	100	4.4

CEILING-VISIBILITY

WIND GRAPH



CEILING VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1963-1978

CLASS 6 / NIGHT

NO. OBS.: 191

STATION NAME: ...

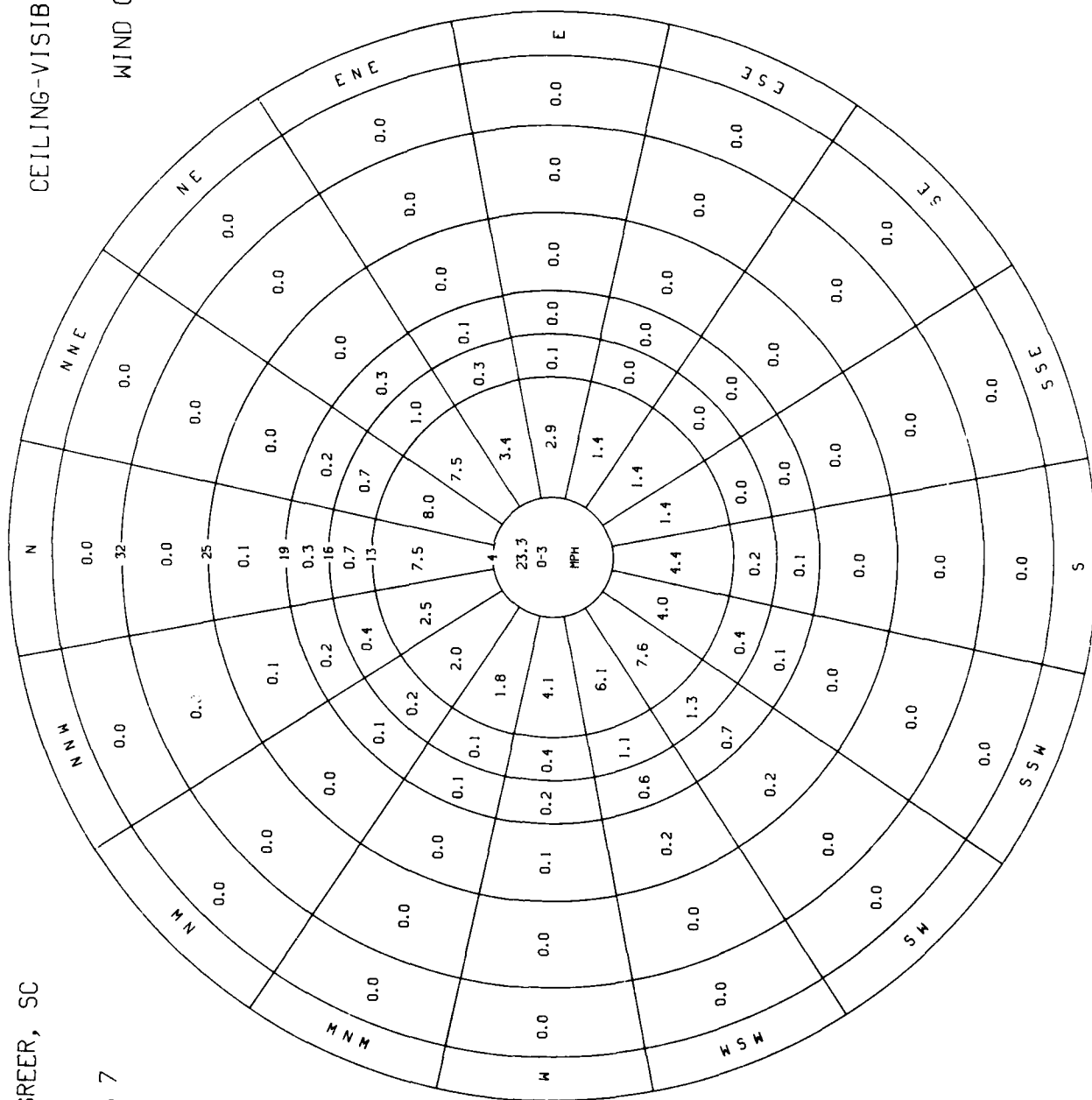
STATION NUMBER: ...

D	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-19		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	2.7	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.2	4.0
NNE	.0	5	.0	5.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.2	6.3
NNE	.0	2.1	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.2	5.0
ENE	.0	.0	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	3.2
E	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	5.5
ESE	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.5
SE	.0	1.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	4.1
SSE	.0	.5	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	4.3
S	.0	1.0	.0	4.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.2
SSW	.0	.5	.0	4.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0
SW	.0	2.1	.0	11.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	6.3
WSW	.0	2.1	.0	6.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	6.3
W	.0	4.2	.0	3.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	4.9
WNW	.0	1.6	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8
NW	.0	1.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3
NNW	.0	1.6	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2
CALM	2	25.1															
TOTAL	5	47.1	5	52.9	5		5		5		5		5		5	10	4

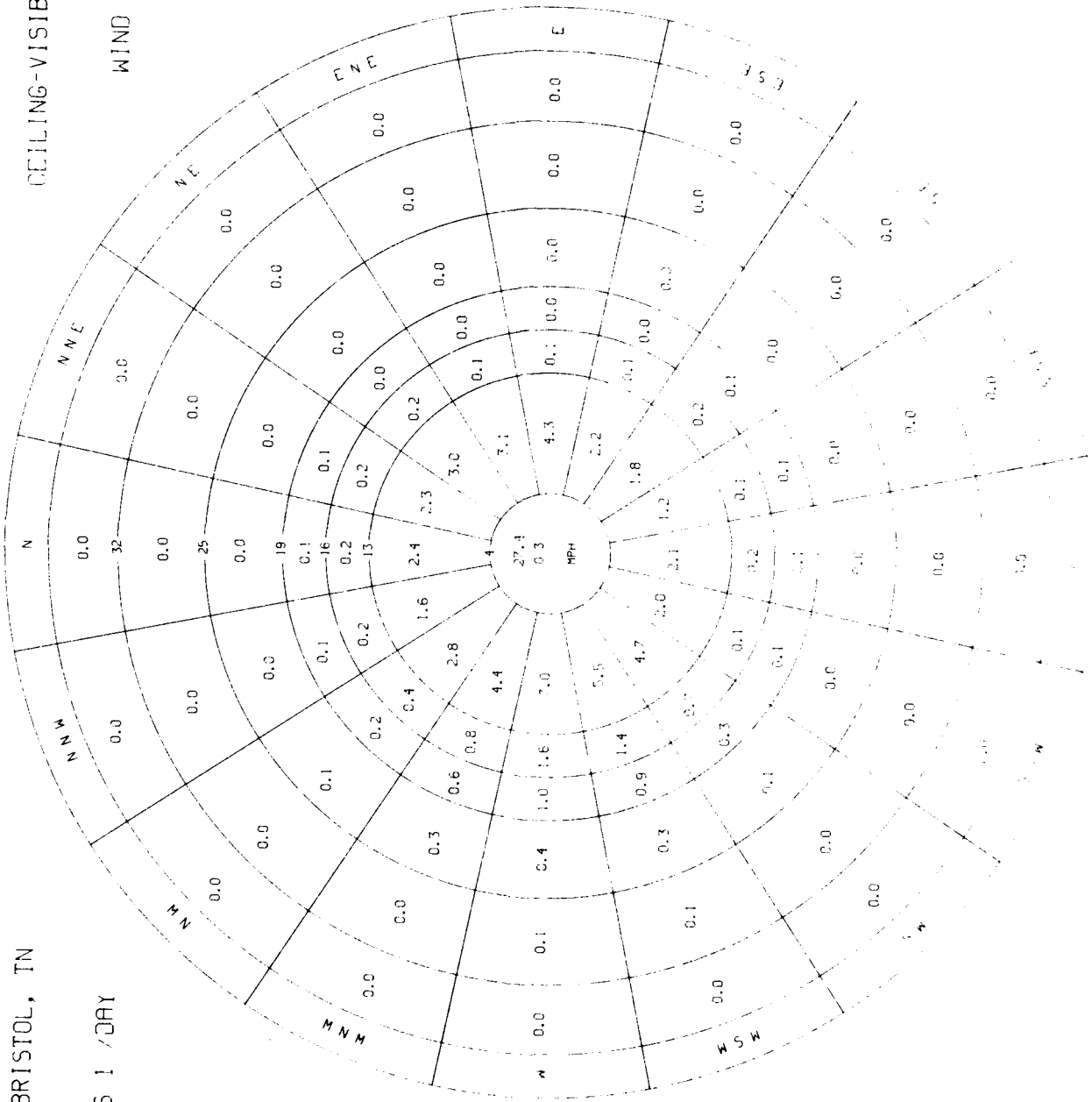
CEILING-VISIBILITY
WIND GRAPH

GSP GREER, SC

CLASS 7



TRI BRISTOL, TN
 CLASS 1 / DAY
 CEILING-VISIBILITY
 WIND GRAPH



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CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: TRI BRISTOL, IN

PERIOD: 1948-1978

CLASS 1 / DAY

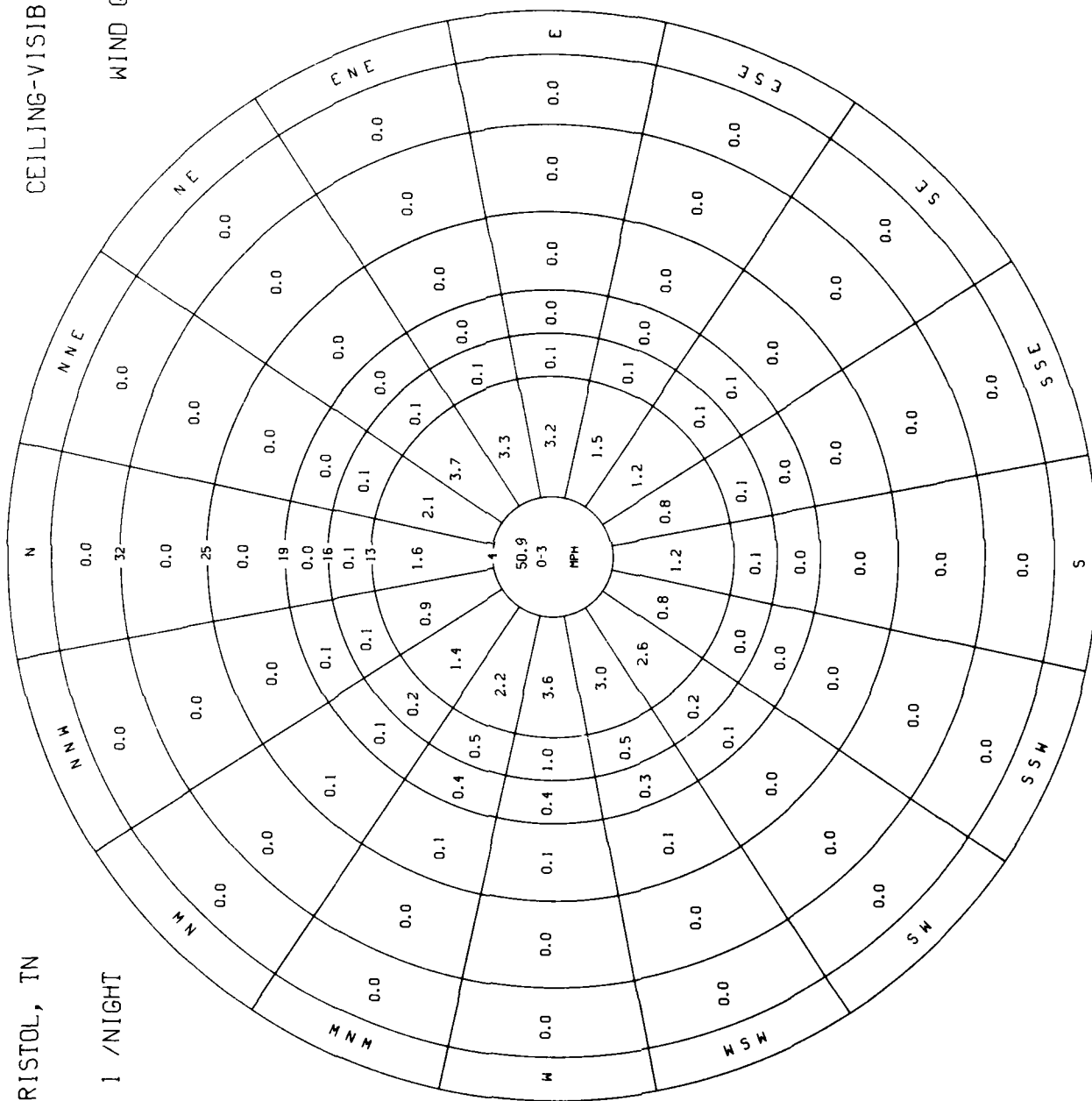
STATION NUMBER: 13377

NO. OBS.: 34746

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.7	.8	2.4	2.7	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	3.4 3.8
NNE	.8	.8	2.3	2.6	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	3.3 3.7
NE	1.6	1.8	3.0	3.4	.2	.2	.0	.1	.0	.0	.0	.0	.0	.0	4.9 5.4
ENE	1.7	1.9	3.1	3.4	.1	.2	.0	.1	.0	.0	.0	.0	.0	.0	5.0 5.5
E	2.2	2.4	4.3	4.8	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	6.6 7.4
ESE	1.2	1.3	2.2	2.5	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	5.8
SE	.0	1.1	1.8	2.0	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	6.3
SSE	.6	.7	1.2	1.3	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	6.6
S	.9	1.0	2.1	2.3	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	6.8
SSW	.7	.8	2.0	2.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	6.6
SW	1.2	1.3	4.7	5.3	.7	.8	.3	.3	.1	.1	.0	.0	.0	.0	8.1
WSW	.9	1.0	5.5	6.1	1.4	1.6	.9	1.0	.3	.4	.1	.1	.0	.0	10.1
W	1.1	1.2	7.0	7.8	1.6	1.8	1.0	1.1	.4	.4	.1	.1	.0	.0	9.8
WNW	.8	.9	4.4	5.0	.8	.9	.6	.6	.3	.3	.0	.0	.0	.0	9.4
NW	.7	.7	2.8	3.1	.4	.4	.2	.2	.1	.1	.0	.0	.0	.0	8.1
NNW	.5	.5	1.6	1.8	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	7.5
CALM	10.9	12.1													
TOTAL	27.4	30.5	50.4	56.2	6.2	7.6	3.6	4.0	1.3	1.4	.2	.3	.0	.0	89.8 100

CEILING-VISIBILITY
WIND GRAPH

TRI BRISTOL, IN
CLASS 1 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: TRI BRISTOL, TN

PERIOD: 1948-1978

CLASS 1 / NIGHT

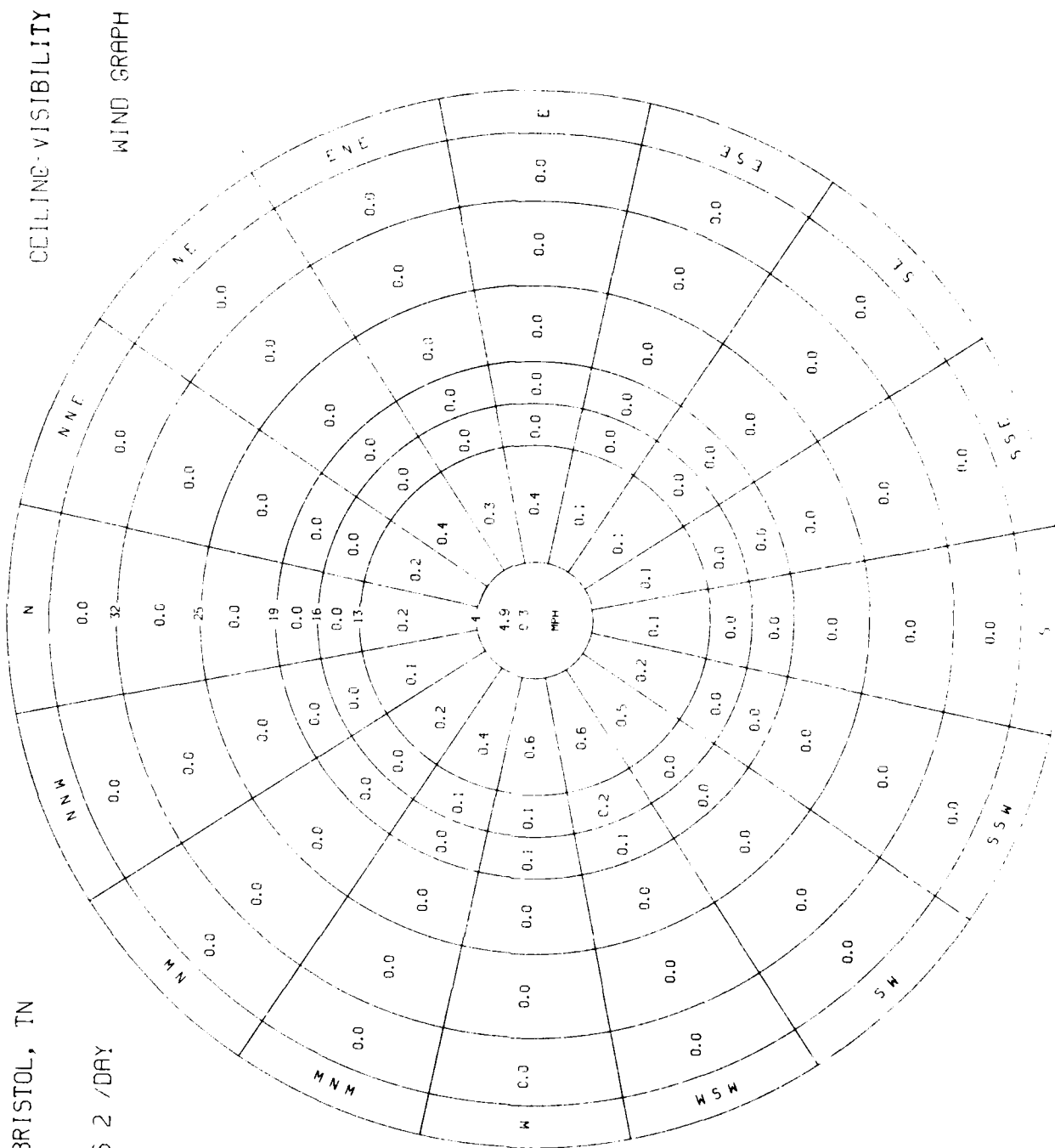
STATION NUMBER: 13877

NO. OBS.: 28221

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.8	.9	1.6	1.7	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.5	2.8	6.5
NNE	1.8	2.0	2.1	2.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	4.0	4.5	5.0
NE	4.5	5.0	3.7	4.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	8.3	9.3	4.4
ENE	3.5	3.9	3.3	3.6	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	6.9	7.7	4.6
E	2.9	3.2	3.2	3.6	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	6.2	6.9	4.7
ESE	1.3	1.4	1.5	1.6	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.9	3.2	5.3
SE	1.0	1.1	1.2	1.4	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	2.4	2.6	5.9
SSE	.6	.7	.8	.9	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.6	1.8	6.1
S	.7	.8	1.2	1.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.1	2.3	6.2
SSW	.4	.7	.8	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	1.7	5.6
SW	1.2	1.3	2.6	2.9	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	4.0	4.5	6.3
WSW	.8	.9	3.0	3.3	.5	.6	.3	.4	.1	.1	.0	.0	.0	.0	4.8	5.4	8.7
W	.8	.9	3.6	4.0	1.0	1.2	.4	.5	.1	.1	.0	.0	.0	.0	6.0	6.7	9.3
WNW	.7	.8	2.2	2.4	.5	.6	.4	.4	.1	.1	.0	.0	.0	.0	3.9	4.3	9.0
NW	.6	.7	1.4	1.6	.2	.3	.1	.2	.1	.1	.0	.0	.0	.0	2.5	2.8	7.8
NNW	.4	.5	.9	1.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	1.5	1.7	7.3
CALM	28.7	32.0													28.7	32.0	
TOTAL	50.9	56.7	33.2	36.9	3.4	3.7	1.7	1.9	.5	.6	.1	.1	.0	.0	89.8	100	4.3

TRI BRISTOL, TN

CLASS 2 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: TRL BRISTOL, TN

PERIOD: 1948-1978

CLASS 2 / DAY

STATION NUMBER: 13977

NO. OBS.: 3964

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL			
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D		
N	.1	.7	.2	1.8	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	2.7	7.0
NNE	.2	2.0	.2	1.7	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	3.8	4.9
NE	.3	3.3	.4	3.7	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.0	.7	7.2	5.0
ENE	.3	2.5	.3	3.1	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	5.7	5.2
E	.3	2.6	.4	3.6	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	6.3	5.0
ESE	.1	1.4	.1	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	2.8	4.3
SE	.1	1.5	.1	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.3	4.0
SSE	.1	.6	.1	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.2	4.3
S	.1	1.4	.1	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	2.7	4.4
SSW	.1	.9	.2	2.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	2.9	5.4
SW	.2	1.6	.5	4.9	.0	.3	.0	.1	.0	.1	.0	.0	.0	.0	.0	.7	7.0	6.9
WSW	.1	.9	.6	6.0	.2	1.6	.1	.9	.0	.1	.0	.1	.0	.1	1.0	9.5	9.6	
W	.1	1.1	.6	5.8	.1	1.4	.1	.8	.0	.2	.0	.1	.0	.0	1.0	9.5	9.7	
WNW	.1	.7	.4	3.6	.1	.8	.0	.2	.0	.1	.0	.0	.0	.0	.6	5.5	8.4	
NW	.0	.4	.2	2.0	.0	.3	.0	.3	.0	.1	.0	.0	.0	.0	.3	3.1	8.7	
NNW	.0	.4	.1	1.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.7	7.2	
CALM	2.7	26.0													2.7	26.0		
TOTAL	4.9	47.9	4.4	43.4	.5	5.2	.3	2.5	.1	.8	.0	.2	.0	.1	10.2	100	5.1	

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: TRI BRISTOL, TN

PERIOD: 1948-1978

CLASS 2 / NIGHT

STATION NUMBER: 13877

NO. OBS.: 3193

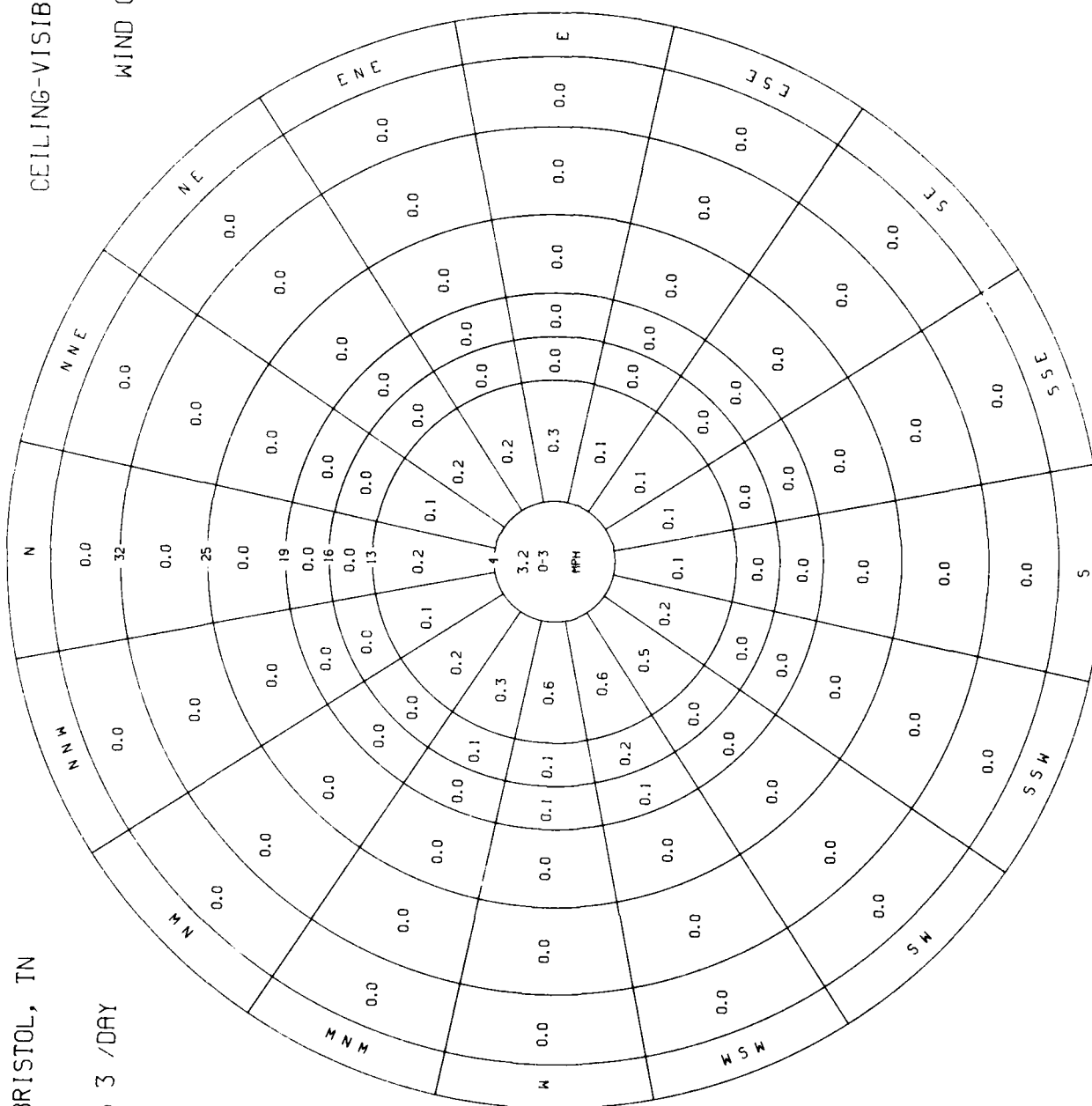
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D
N	.1	.9	.2	2.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	3.1	6.9
NNE	.2	1.8	.2	2.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	3.9	5.0
NE	.4	4.3	.3	2.8	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	7.1	4.1
ENE	.3	2.8	.3	2.7	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	5.6	4.8
E	.3	2.7	.3	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	5.5	4.5
ESE	.1	1.0	.1	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.0	4.3
SE	.1	1.2	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.6	3.4
SSE	.0	.4	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.7	4.1
S	.1	.9	.1	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.9	4.3
SSW	.1	.8	.1	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.9	4.9
SW	.2	1.6	.4	3.9	.0	.3	.0	.2	.0	.0	.0	.0	.0	.0	.0	.6	6.0	6.5
WSW	.1	1.5	.6	5.6	.1	1.3	.1	.6	.0	.0	.0	.1	.0	.0	.0	.9	9.2	9.0
W	.1	1.2	.5	4.6	.1	1.0	.1	.6	.0	.2	.0	.1	.0	.0	.0	.8	7.6	9.2
WNW	.1	.7	.3	2.7	.0	.3	.0	.4	.0	.1	.0	.0	.0	.0	.0	.4	4.2	8.6
NW	.1	.8	.2	1.6	.0	.1	.0	.2	.0	.0	.0	.0	.0	.0	.0	.3	2.8	7.3
NNW	.0	.5	.1	.8	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	1.4	6.8
CALM	3.6	35.4														3.6	35.4	
TOTAL	5.9	58.2	3.6	35.5	.4	3.5	.2	2.2	.0	.4	.0	.2	.0	.0	.0	10.2	100	4.1

TRI BRISTOL, TN

CLASS 3 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: TRI BRISTOL, TN

PERIOD: 1948-1978

CLASS 3 / DAY

STATION NUMBER: 13877

NO. OBS.: 3060

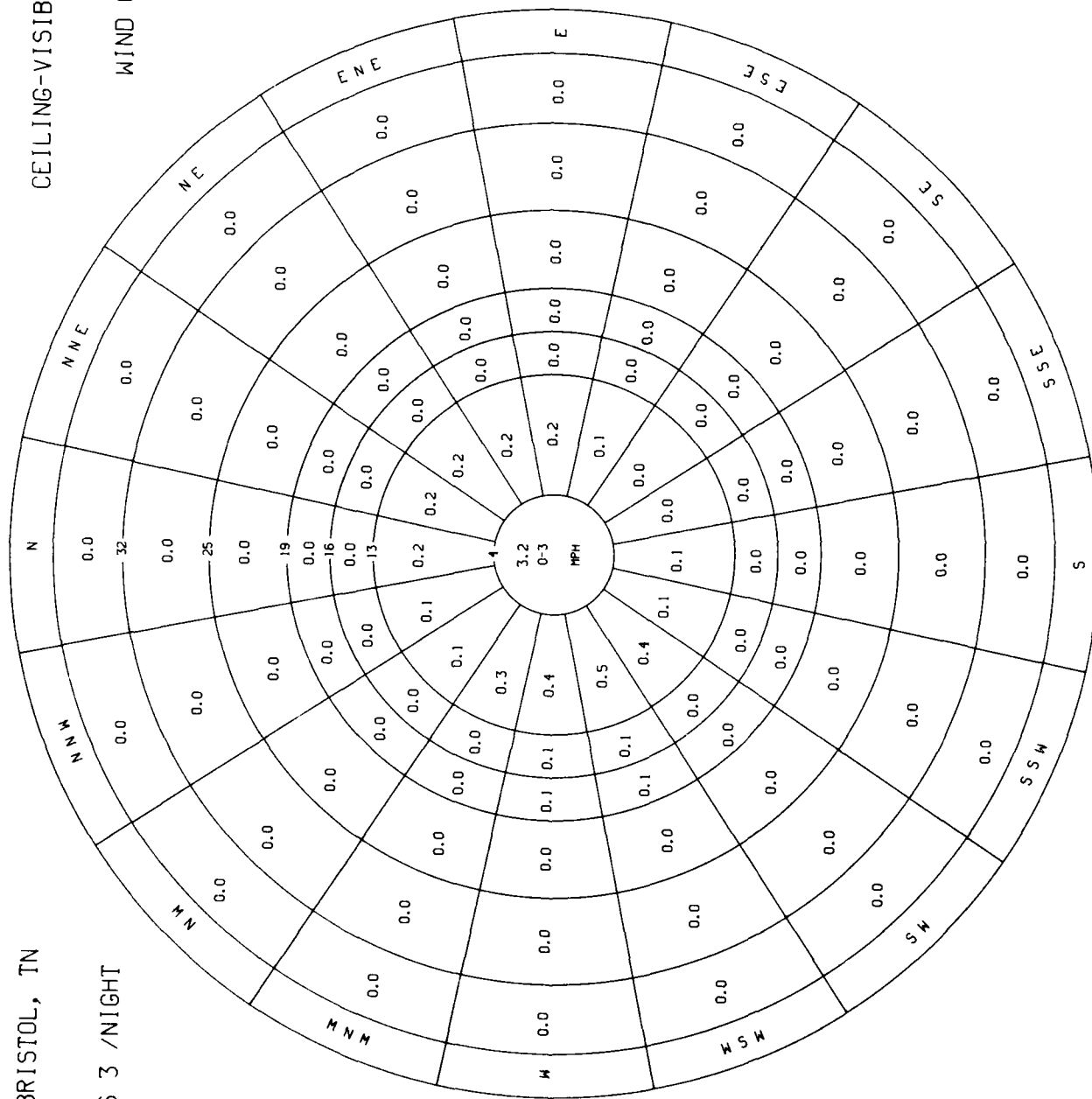
D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	.0	.6	.2	2.2	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.2	3.0	7.5
NNE	.1	1.3	.1	1.6	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	3.1	5.5
NE	.2	2.4	.2	2.9	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.4	5.5	5.2
ENE	.2	2.2	.2	2.5	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.4	4.9	5.3
E	.2	2.0	.3	3.8	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.5	5.9	5.3
ESE	.1	1.2	.1	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.6	4.4
SE	.1	1.3	.1	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.2	3.9
SSE	.1	.7	.1	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.3	4.5
S	.1	1.5	.1	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	3.2	4.6
SSW	.1	.9	.2	2.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.3	3.4	5.5
SW	.1	1.6	.5	5.9	.0	.3	.0	.2	.0	.1	.0	.0	.0	.0	.6	8.1	7.2
WSW	.1	1.0	.6	7.4	.2	2.0	.1	1.1	.0	.2	.0	.1	.0	.1	.9	11.8	9.7
W	.1	1.2	.6	7.0	.1	1.7	.1	1.0	.0	.3	.0	.1	.0	.0	.9	11.4	9.7
WNW	.1	.8	.3	4.3	.1	1.0	.0	.3	.0	.1	.0	.0	.0	.0	.5	6.4	8.5
NW	.0	.5	.2	2.4	.0	.3	.0	.2	.0	.1	.0	.0	.0	.0	.3	3.6	8.5
NNW	.0	.4	.1	1.5	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.1	7.4
CALM	1.7	21.5													1.7	21.5	
TOTAL	3.2	41.0	3.8	48.6	.5	6.3	.2	2.9	.1	.9	.0	.2	.0	.1	7.9	100	5.7

TRI BRISTOL, TN

CLASS 3 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: TRI BRISTOL, TN

PERIOD: 1948-1978

CLASS 3 / NIGHT

STATION NUMBER: 13877

NO. OBS.: 2142

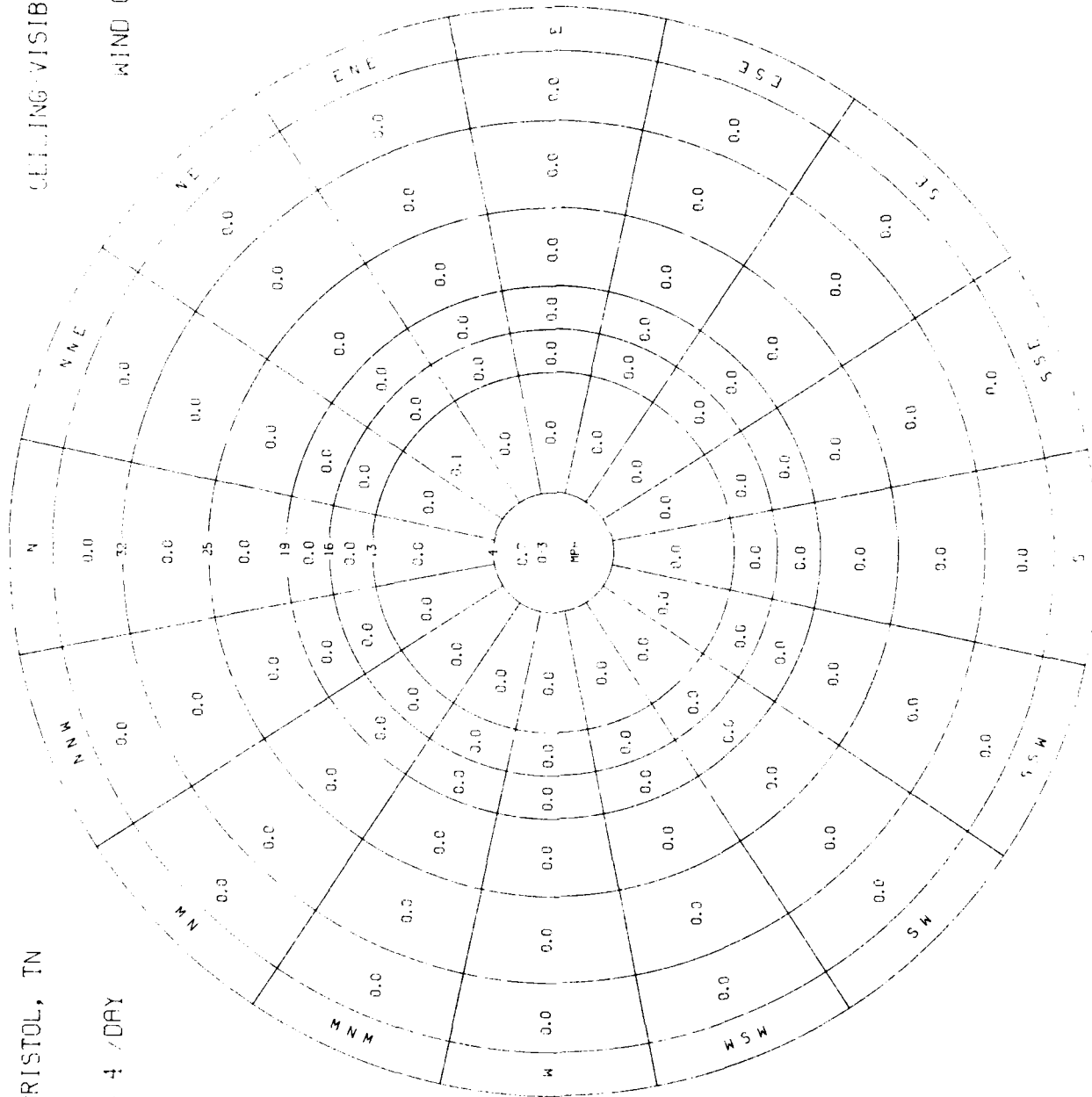
D I R	SPEED GROUPS (MPH)															AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL			
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D
N	.0	.6	.2	2.8	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	3.6	7.9
NNE	.1	1.2	.2	2.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	3.8	
NE	.2	2.5	.2	2.7	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	5.4	4.9
ENE	.2	2.3	.2	2.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	4.8	
E	.1	1.9	.2	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	4.3	4.9
ESE	.1	.9	.1	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.1	
SE	.1	1.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.3	3.2
SSE	.0	.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	
S	.1	1.0	.1	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.1	3.9
SSW	.1	.8	.1	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.3	
SW	.1	1.5	.4	5.6	.0	.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	.5	7.7	5.2
WSW	.1	1.6	.5	8.0	.1	1.9	.1	.9	.0	.2	.0	.1	.0	.0	.0	.9	12.7	
W	.1	1.2	.4	6.5	.1	1.5	.1	.9	.0	.2	.0	.1	.0	.0	.0	.7	10.5	9.5
WNW	.1	.8	.3	3.7	.0	.5	.0	.7	.0	.0	.0	.0	.0	.0	.0	.4	5.7	
NW	.1	.8	.1	2.	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.2	3.5	7.7
NNW	.0	.5	.1	1.2	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	1.8	
CALM	1.9	27.7														1.9	27.7	7.4
TOTAL	3.2	46.9	3.0	44.0	.4	5.2	.2	3.2	.0	.5	.0	.2	.0	.0	.0	6.8	100	
																		5.2

TRI BRISTOL, IN

CLASS 4 / DAY

CELLING VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: 1A1 BRISTOL, IN

PERIOD: 1944-1978

CLASS 4 / DAY

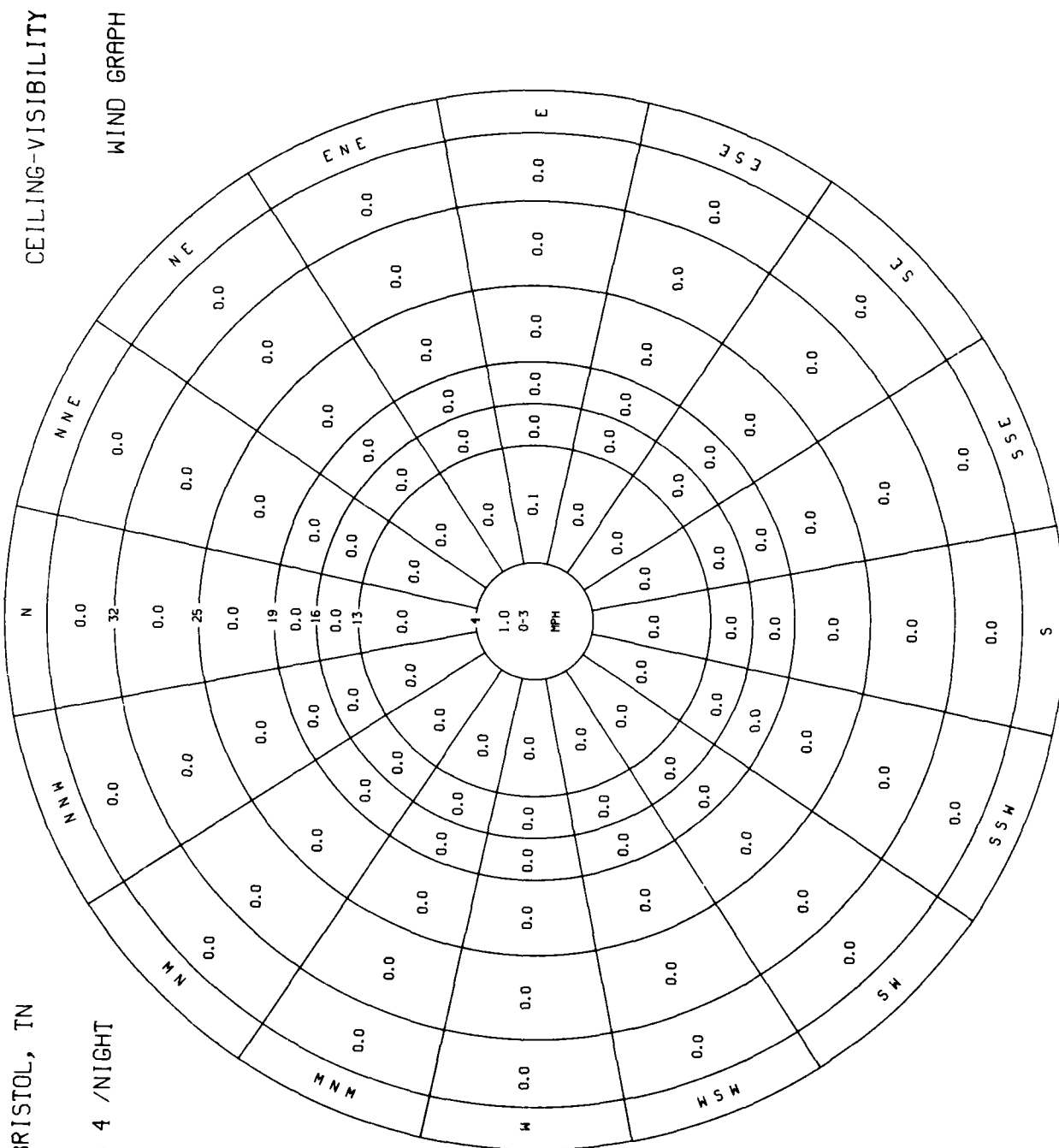
STATION NUMBER: 13877

NO. OBS.: 411

SPEED GROUPS (MPH)																		AUG WIND SPEED
0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D		
N	0	1.0	0	7	0	0	0	0	0	0	0	0	0	0	0			
NNE	0	2.7	0	3	0	0	0	0	0	0	0	0	0	0	0			
N E	1	7.4	1	5.1	0	0	0	0	0	0	0	0	0	0	0	1.6		
ENE	2	2.9	0	3.9	0	2	0	2	0	0	0	0	0	0	0	0.5		
E	1	4.9	0	3.9	0	2	0	2	0	0	0	0	0	0	0	0.5		
ESE	0	2.4	0	1.9	0	2	0	2	0	0	0	0	0	0	0	0.5		
S E	2	2.2	0	1.5	0	2	0	2	0	0	0	0	0	0	0	0.5		
SSE	0	1.7	0	2	0	2	0	2	0	0	0	0	0	0	0	0.5		
S	0	1.7	0	2	0	2	0	2	0	0	0	0	0	0	0	0.5		
SSW	0	0	0	1.6	0	0	0	0	0	0	0	0	0	0	0	0.5		
SW	0	3.4	0	2.7	0	1	0	1	0	0	0	0	0	0	0	0.5		
WSW	0	2.1	0	1.7	0	1	0	1	0	0	0	0	0	0	0	0.5		
W	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5		
WNW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5		
NW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5		
NNW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5		
CALM	4	34.6												0	0	10.5		
TOTAL	1	57.6												1	34.3	100		

TRI BRISTOL, TN

CLASS 4 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: TRI BRISTOL, TN

PERIOD: 1948-1978

CLASS 4 / NIGHT

STATION NUMBER: 13877

NO. OBS.: 392

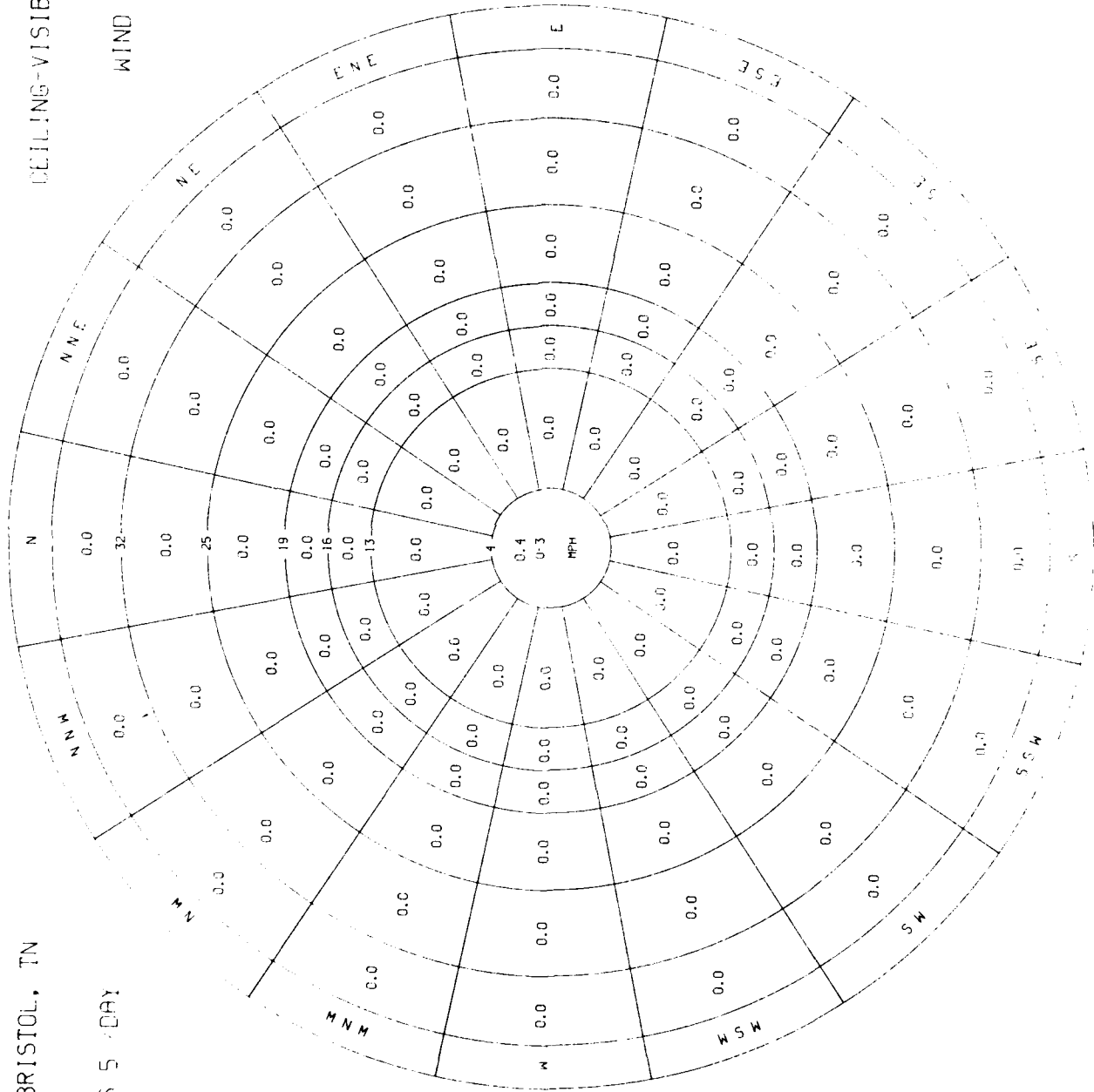
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.0
NNE	.0	1.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.0
NE	.1	4.3	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 6.6
ENE	.0	2.6	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 6.1
E	.0	3.6	.1	4.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 7.7
ESE	.0	.8	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.5
SE	.0	2.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.6
SSE	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .5
S	.0	1.3	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.1
SSW	.0	1.3	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.8
SW	.0	2.8	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 4.3
WSW	.0	2.0	.0	1.8	.0	.0	.0	.3	.0	.0	.0	.3	.0	.0	.1 4.3
W	.0	1.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.3
WNW	.0	.3	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.3
NW	.0	.5	.0	.5	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0 1.3
NNW	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .5
CALM	.6	52.0													.6 52.0
TOTAL	1.0	76.5	.3	21.9	.0	.0	.0	.5	.0	.8	.0	.3	.0	.0	1.2 100
															2.3

TRI BRISTOL, TN

CLASS 5 DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: TAI BRISTOL, TN

PERIOD: 1948-1978

CLASS 5 / DAY

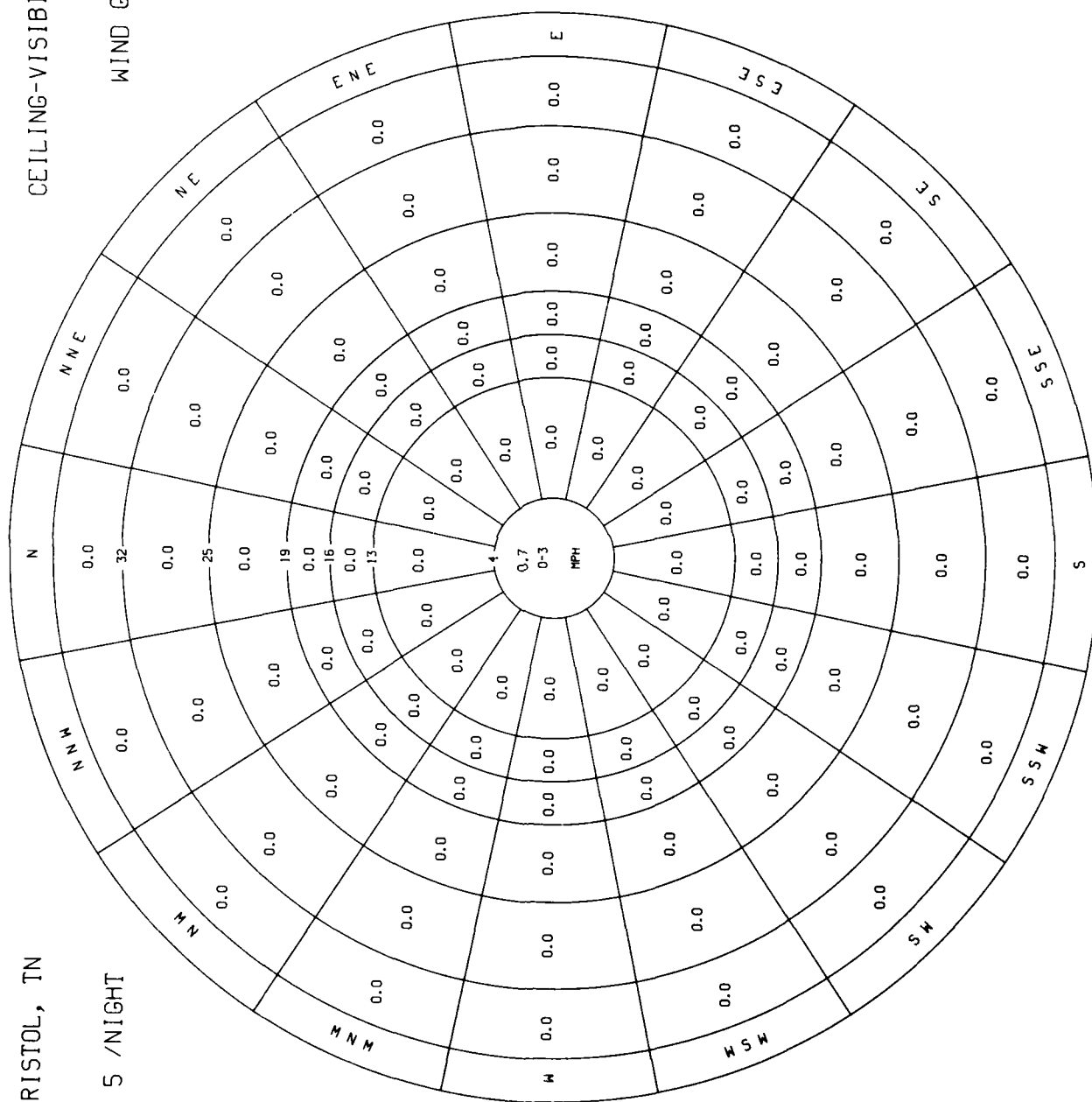
STATION NUMBER: 13877

NO. OBS.: 200

D I P	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.0
NNE	.0	4.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 6.0
NE	.1	10.0	.0	5.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 15.5
ENE	.0	3.0	.0	6.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 9.0
E	.0	5.5	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 7.5
ESE	.0	2.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.5
SE	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.5
SSE	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.0
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .0
SSW	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .5
SW	.0	1.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.5
WSW	.0	.5	.0	1.0	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0 2.0
W	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	.5	.0	.0	.0 1.5
WNW	.0	1.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.0
NW	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .5
NNW	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .5
CALM	.2	45.5													.2 45.5
TOTAL	.4	79.5	.1	19.5	.0	.0	.0	.5	.0	.0	.0	.5	.0	.0	.5 100
															.2 45.5
															.2 45.5

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: TRI BRISTOL, TN

CLASS 5 / NIGHT

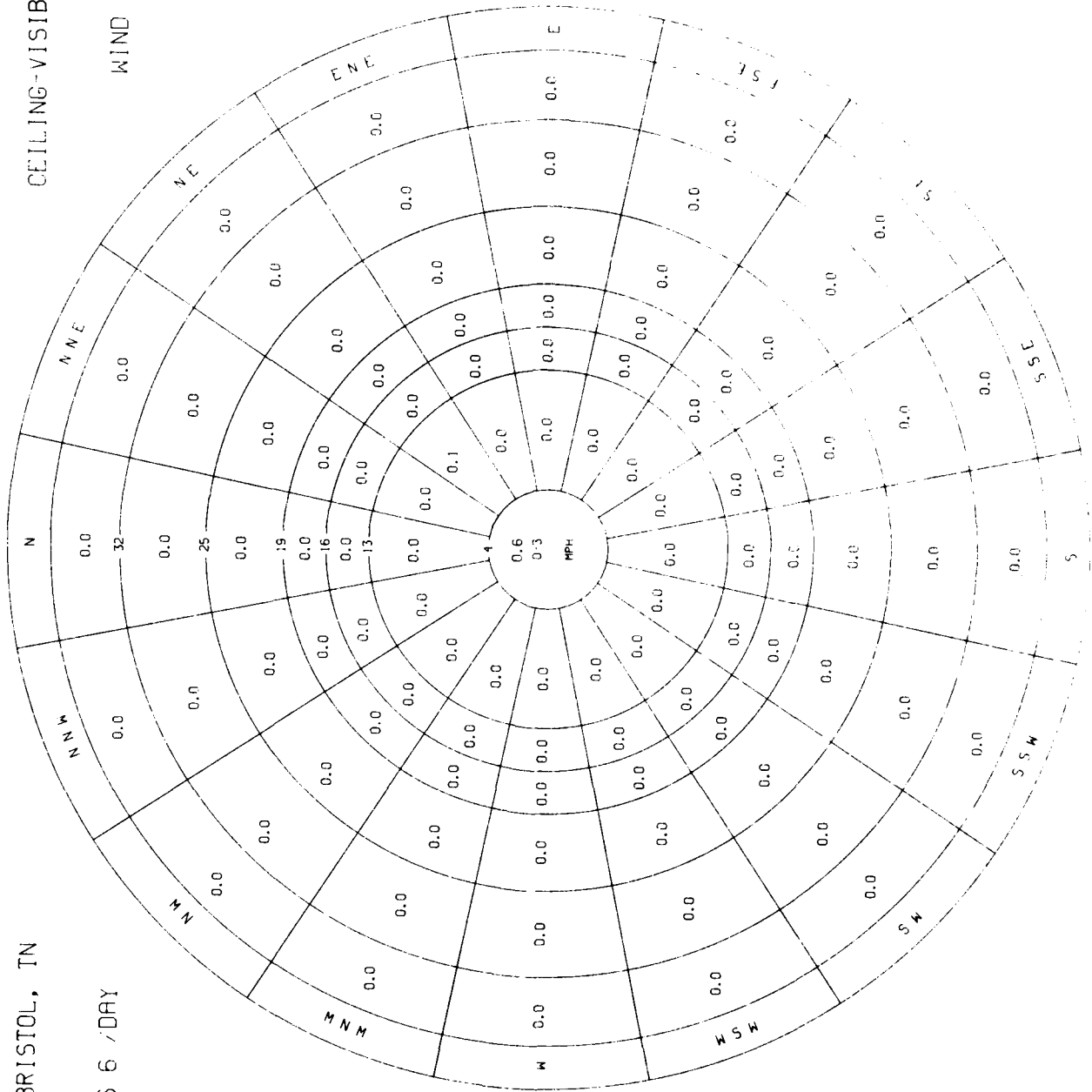
NO. OBS.: 271

STATION NUMBER: 13877

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	1.5	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8
NNE	.0	1.8	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0
NE	.1	8.1	.0	4.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.5
ENE	.0	3.7	.0	4.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.7
E	.0	4.4	.0	4.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.5
ESE	.0	2.2	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3
SSE	.0	1.5	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8
S	.0	.4	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1
SSW	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4
SW	.0	1.8	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2
W	.0	1.1	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WNW	.0	.4	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5
NW	.0	1.1	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5
NNW	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7
CALM	.4	50.9													4 50.9
TOTAL	7.8	1.5	.2	18.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: TRI BRISTOL, TN

PERIOD: 1948-1978

CLASS 6 / DAY

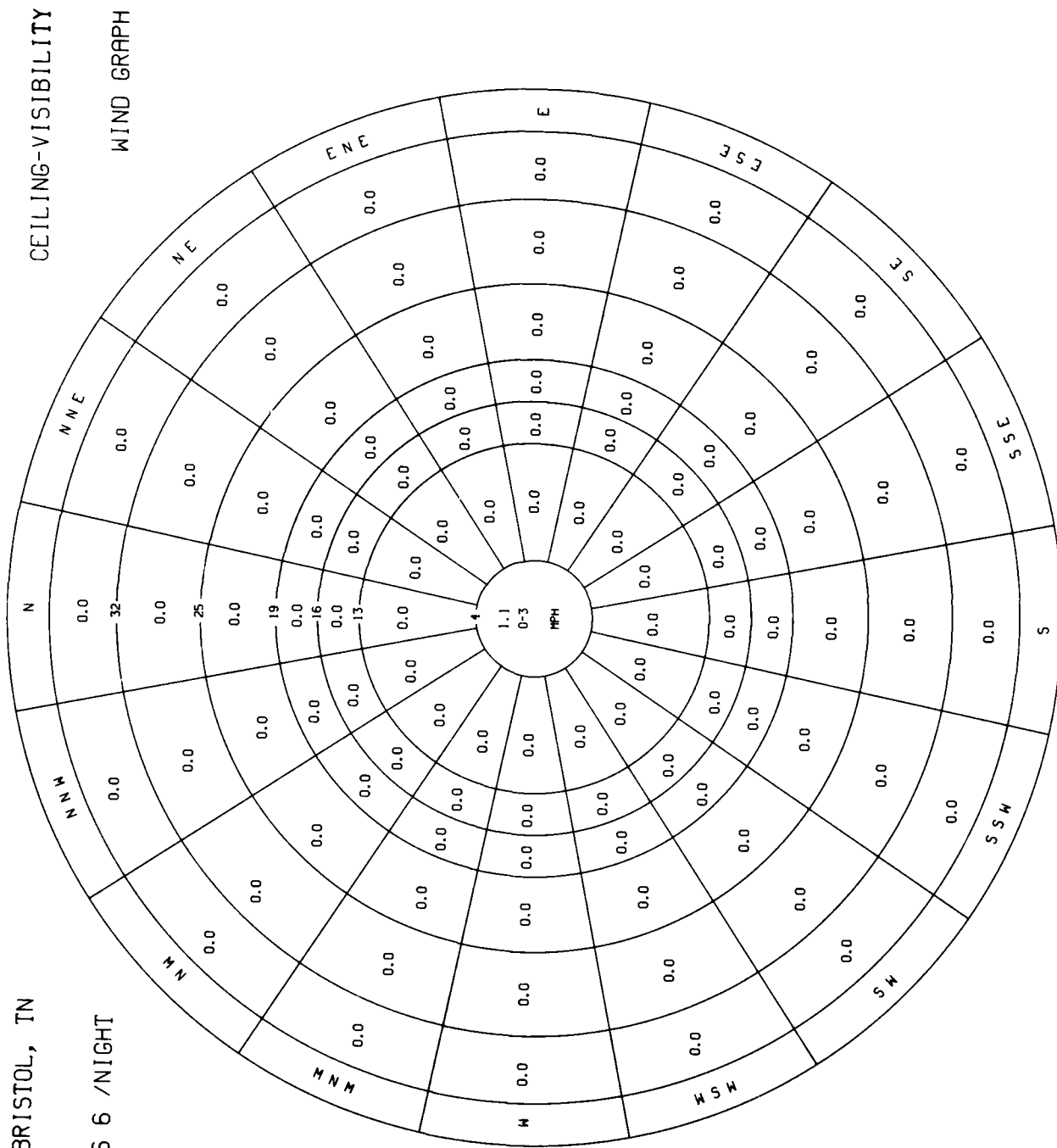
STATION NUMBER: 13877

NO. OBS.: 293

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	1.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0
NNE	.1	7.2	.0	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.9
NE	.1	8.2	.1	8.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	16.7
ENE	.0	4.4	.0	5.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.2
E	.0	3.1	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8
ESE	.0	2.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7
SE	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7
SSW	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3
SW	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.3
WNW	.0	.7	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNW	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3
CALM	.4	47.4													47.4
TOTAL	6.6	76.5	2.2	22.9	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	8.1

TRI BRISTOL, TN

CLASS 6 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: TRI BRISTOL, TN

PERIOD: 1948-1978

CLASS 6 / NIGHT

STATION NUMBER: 13877

NO. OBS.: 388

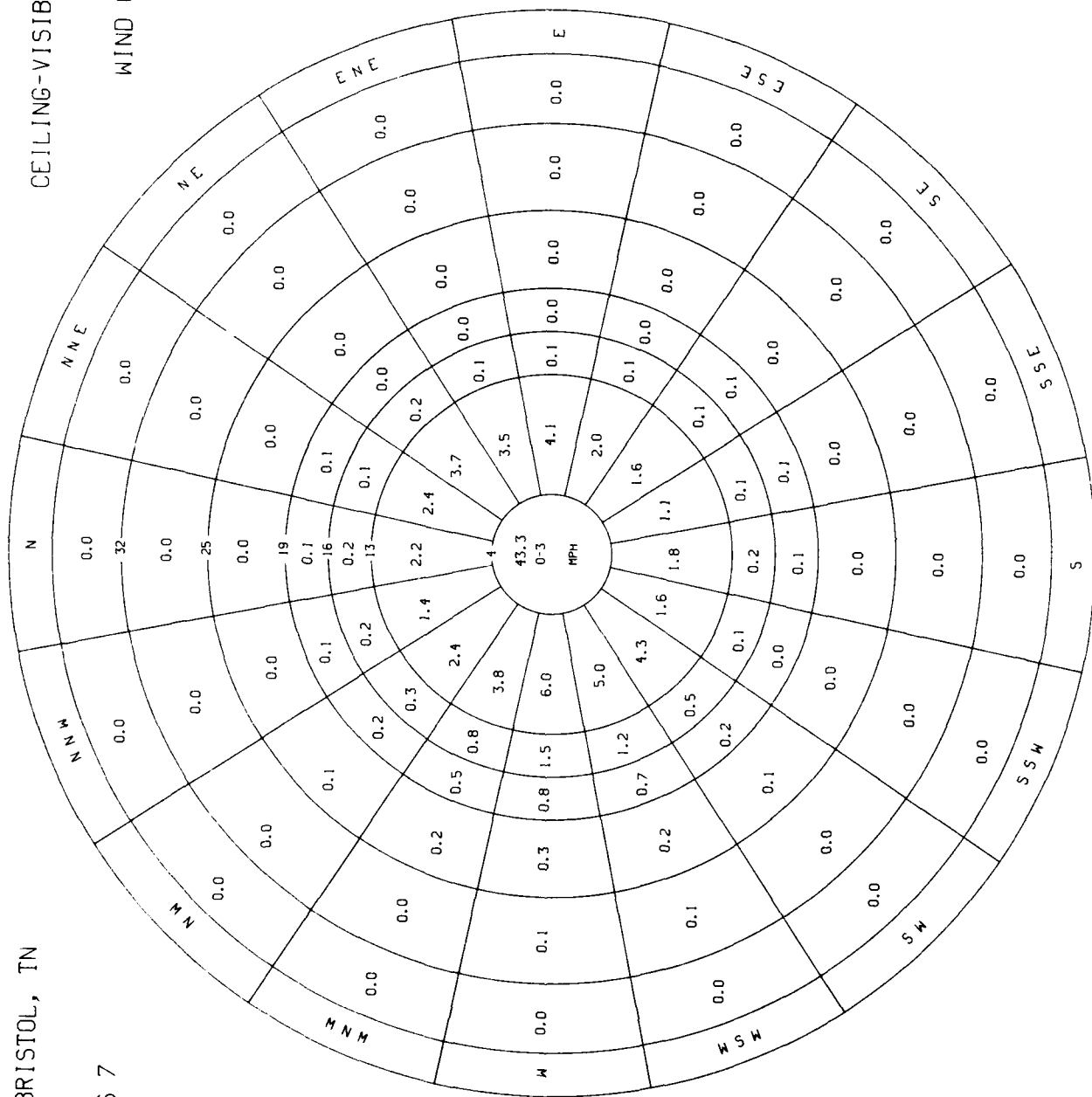
D I R	SPEED GROUPS (MPH)															AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL			
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D
N	.0	2.8	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	3.1
NNE	.1	5.4	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	3.5
NE	.1	11.3	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2	3.1
ENE	.1	4.6	.0	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	4.0
E	.1	4.9	.0	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	3.7
ESE	.0	.8	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	3.4
SE	.0	1.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	3.2
SSE	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	4.0
S	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	3.0
SSW	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	5.0
SW	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	3.0
WSW	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	2.4
W	.0	1.0	.0	.5	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	5.0
WNW	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	3.5
NW	.0	.5	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	4.2
NNW	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	2.5
CALM	.6	50.3															6	
TOTAL	1.1	85.8	.2	13.9	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	1.7

TRI BRISTOL, TN

CLASS 7

CEILING-VISIBILITY

WIND GRAPH

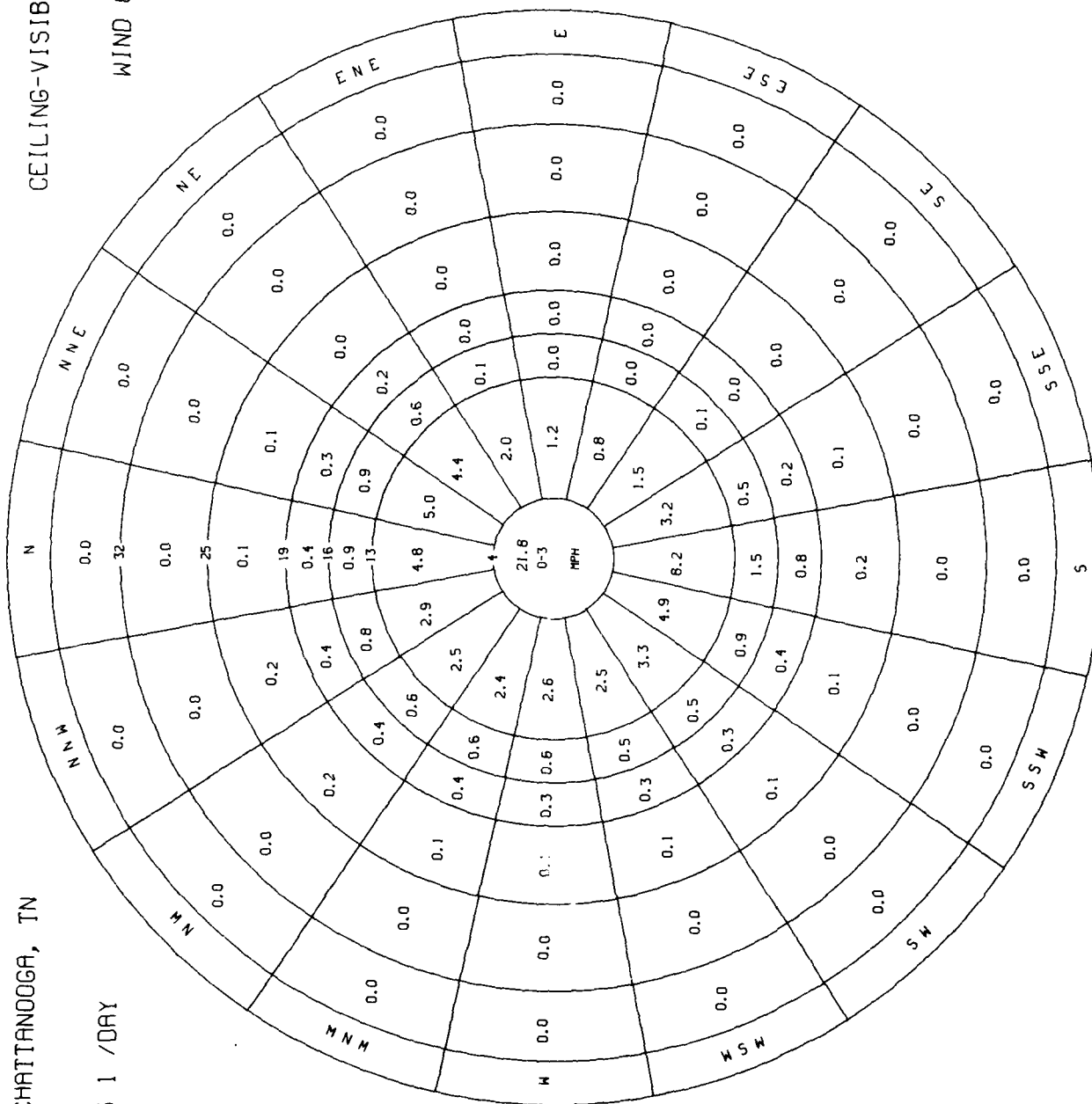


CHA CHATTANOOGA, TN

CLASS 1 /DAY

CEILING-VISIBILITY

WIND GRAPH



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CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: CHA CHATTANOOGA, TN

PERIOD: 1948-1978

CLASS 1 / DAY

STATION NUMBER: 13882

NO. OBS.: 43630

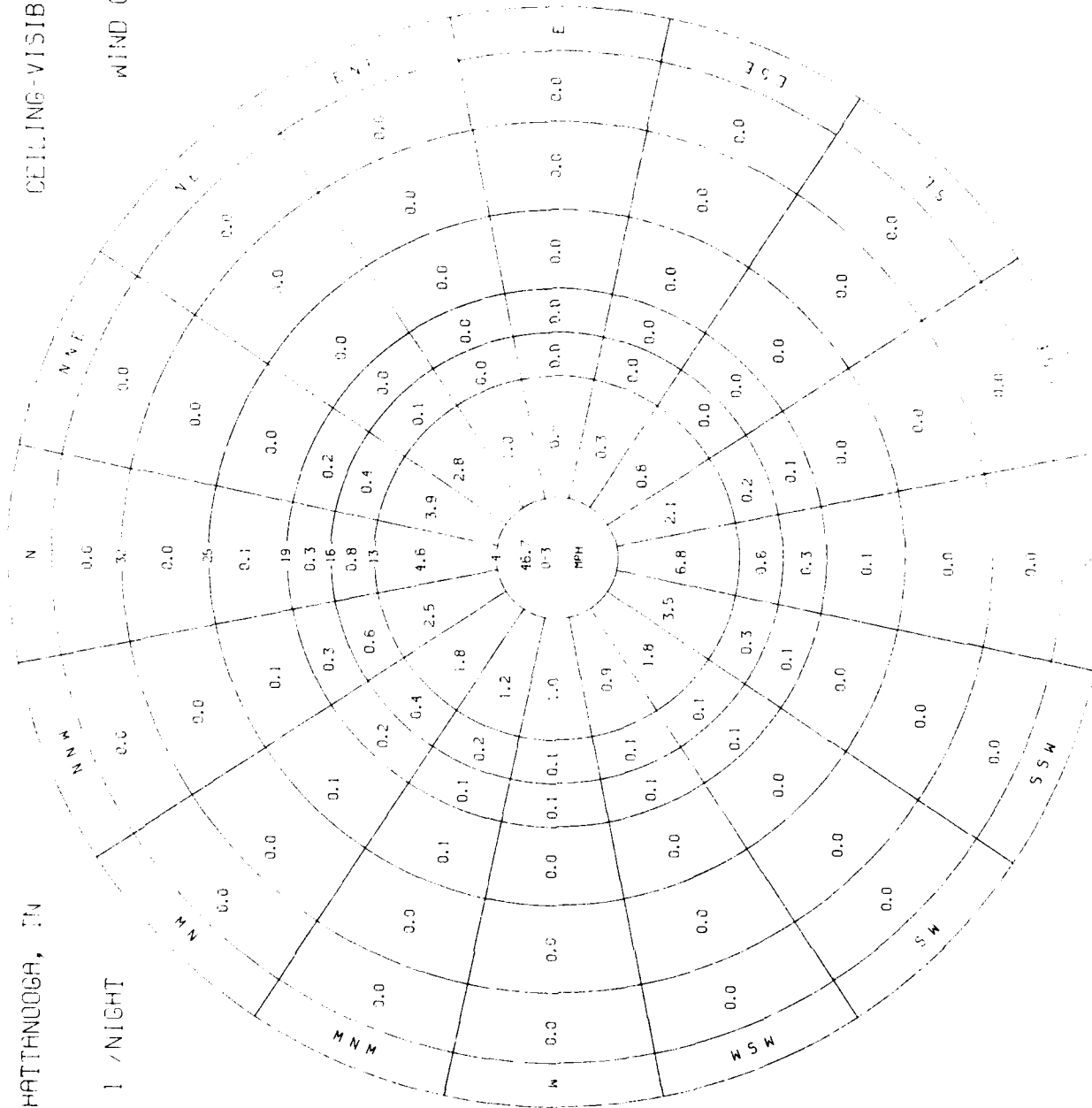
D I R	SPEED GROUPS (MPH)															AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL			
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D	
N	1.1	1.2	4.8	5.3	.9	1.0	.4	.5	.1	.1	.0	.0	.0	.0	7.2	8.1		
NNE	.9	1.0	5.0	5.6	.9	1.0	.3	.4	.1	.1	.0	.0	.0	.0	7.1	8.0		
NE	1.1	1.2	4.4	5.0	.6	.7	.2	.2	.0	.0	.0	.0	.0	.0	6.3	7.1		
ENE	.6	.6	2.0	2.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.8	3.1		
E	.6	.7	1.2	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	2.1		
ESE	.4	.5	.8	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	1.4		
SE	.7	.8	1.5	1.7	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.3	2.6		
SSE	.7	.8	3.2	3.6	.5	.6	.2	.2	.1	.1	.0	.0	.0	.0	4.7	5.3		
S	1.5	1.7	8.2	9.2	1.5	1.7	.8	.9	.2	.2	.0	.0	.0	.0	12.2	13.7		
SSW	1.0	1.1	4.9	5.5	.9	1.0	.4	.4	.1	.2	.0	.0	.0	.0	7.3	8.2		
SW	1.1	1.2	3.3	3.7	.5	.6	.3	.3	.1	.1	.0	.0	.0	.0	5.3	6.0		
WSW	.7	.8	2.5	2.8	.5	.6	.3	.3	.1	.1	.0	.0	.0	.0	4.1	4.6		
W	.8	.9	2.6	2.9	.6	.6	.3	.4	.1	.2	.0	.0	.0	.0	4.4	5.0		
WNW	.5	.6	2.4	2.7	.6	.7	.4	.4	.1	.2	.0	.0	.0	.0	4.0	4.5		
NW	.8	.9	2.5	2.8	.6	.7	.4	.4	.2	.2	.0	.0	.0	.0	4.5	5.1		
NNW	.7	.8	2.9	3.2	.8	.9	.4	.5	.2	.2	.0	.0	.0	.0	4.9	5.6		
CALM	8.7	9.8													8.7	9.8		
TOTAL	21.8	24.5	52.0	58.5	9.0	10.1	4.4	4.9	1.5	1.7	.2	.2	.0	.0	88.8	100		
																7.7		

CHA CHATTANOOGA, TN

CLASS 1 / NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LA PATANOGA, TN

PERIOD: 1948-1978

CLASS 1 / NIGHT

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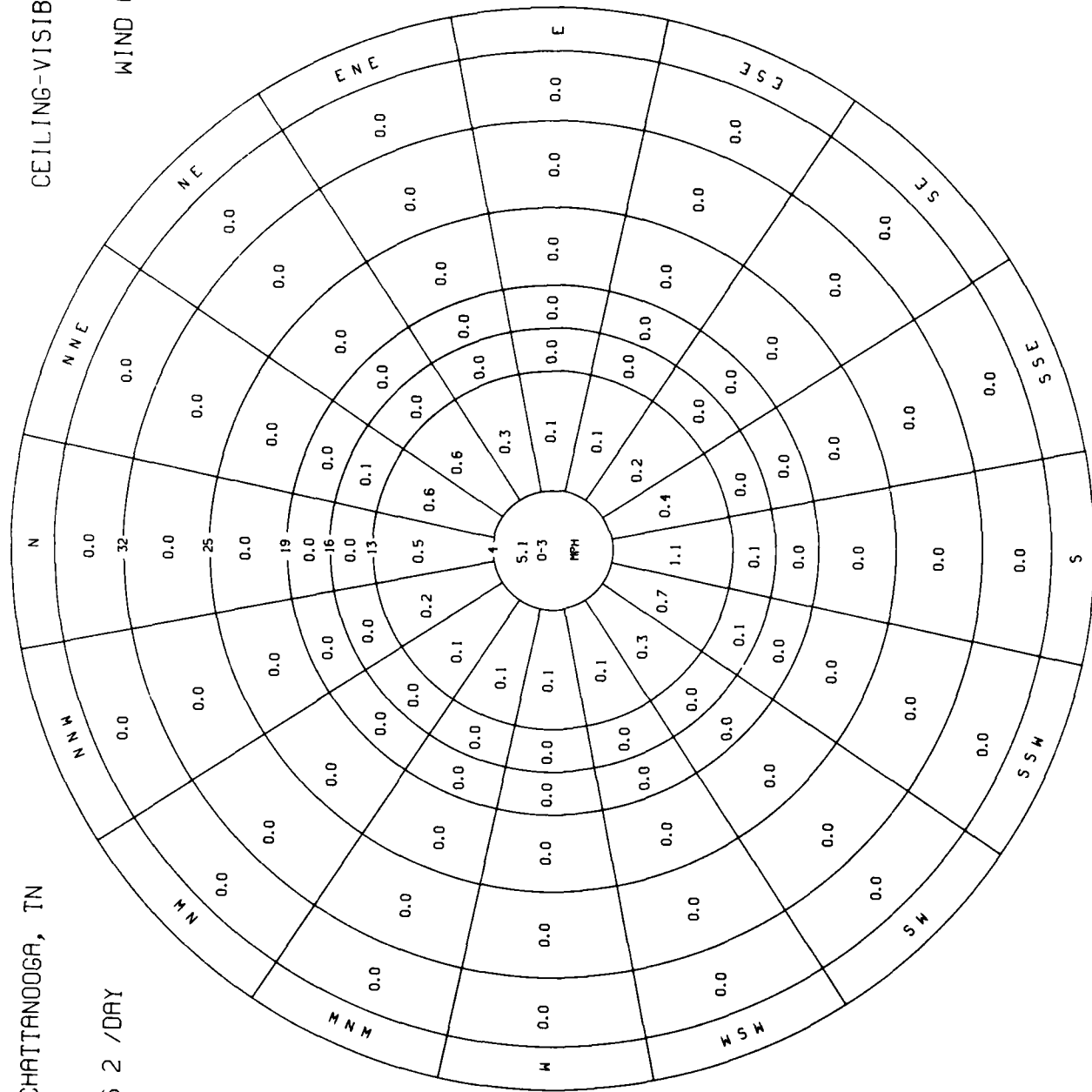
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CHA CHATTANOOGA, TN

CLASS 2 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: CHA CHATTANOOGA, TN

PERIOD: 1948-1978

CLASS 2 / DAY

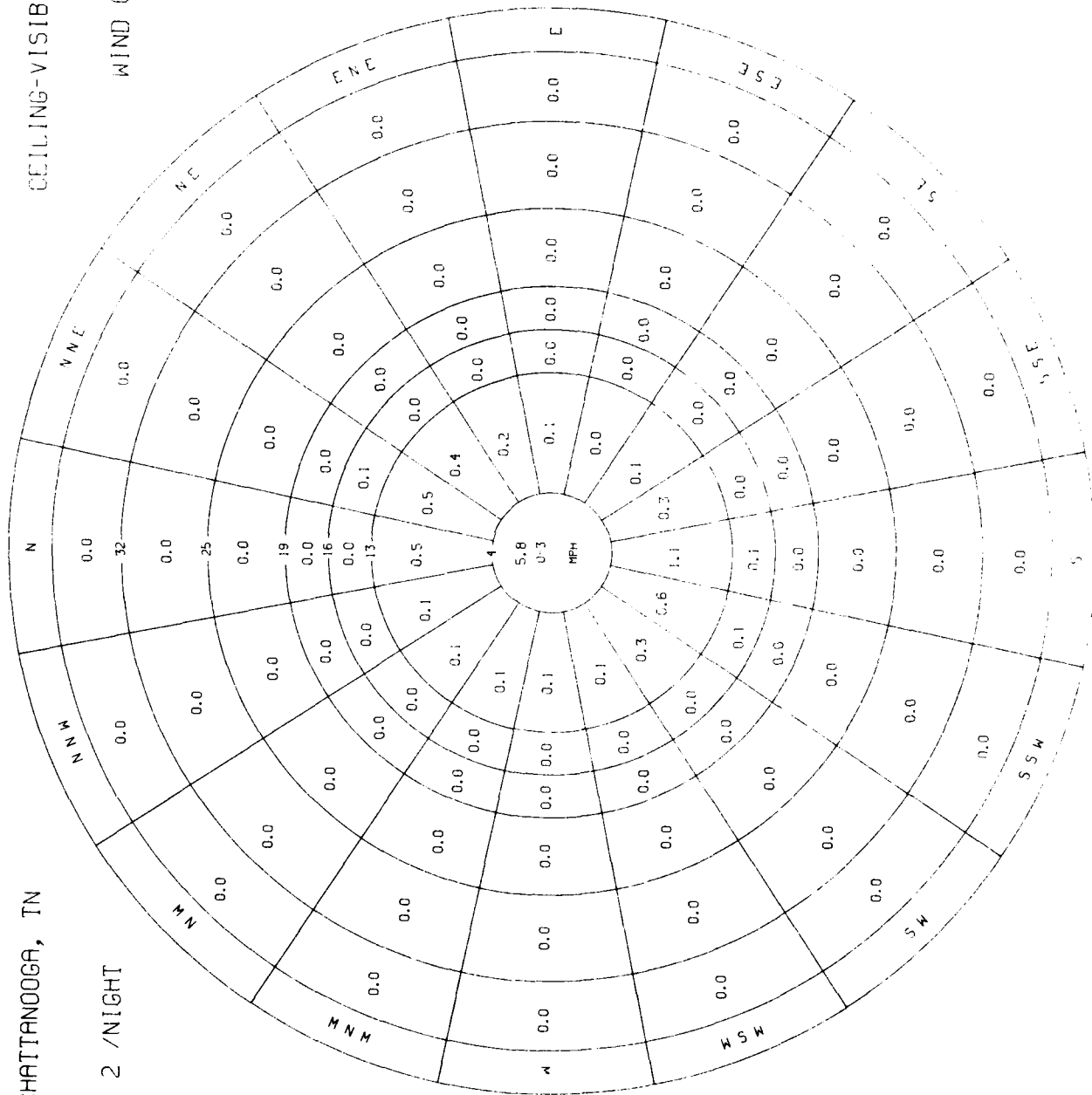
STATION NUMBER: 13882

NO. OBS.: 5477

D I R	SPEED GROUPS (MPH)															AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL			
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D
N	.2	1.7	.5	4.3	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.7	6.2	6.5
NNE	.2	1.9	.6	5.2	.1	.5	.0	.2	.0	.0	.0	.0	.0	.0	.0	.9	7.8	7.1
NE	.2	1.6	.6	5.2	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.8	7.4	6.8
ENE	.1	.9	.3	2.4	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.4	3.4	5.7
E	.1	1.2	.1	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	2.5	4.5
ESE	.1	.7	.1	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.3	4.4
SE	.1	1.0	.2	1.5	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	2.6	5.5
SSE	.1	1.0	.4	3.2	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.5	4.6	6.9
S	.3	2.8	1.1	10.2	.1	1.3	.0	.3	.0	.1	.0	.0	.0	.0	.0	1.7	14.8	7.8
SSW	.1	1.3	.7	6.2	.1	.7	.0	.3	.0	.1	.0	.0	.0	.0	.0	.9	8.4	7.6
SW	.1	1.2	.3	3.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.5	4.5	6.5
WSW	.1	.8	.1	1.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.9	5.5
W	.1	1.1	.1	.8	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.1	5.7
WNW	.1	.8	.1	.7	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.0	.2	1.8	7.1
NW	.1	.8	.1	1.1	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.2	2.1	6.4
NNW	.1	1.2	.2	1.4	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.3	2.8	6.0
CALM	2.9	25.8														2.9	25.8	
TOTAL	5.1	45.7	5.4	48.3	.5	4.1	.2	1.4	.0	.4	.0	.1	.0	.1	.0	11.2	100	5.0

CELLING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: CHA CHATTANOOGA, TN

PERIOD: 1948-1978

CLASS 2 / NIGHT

STATION NUMBER: 13882

NO. OBS.: 4604

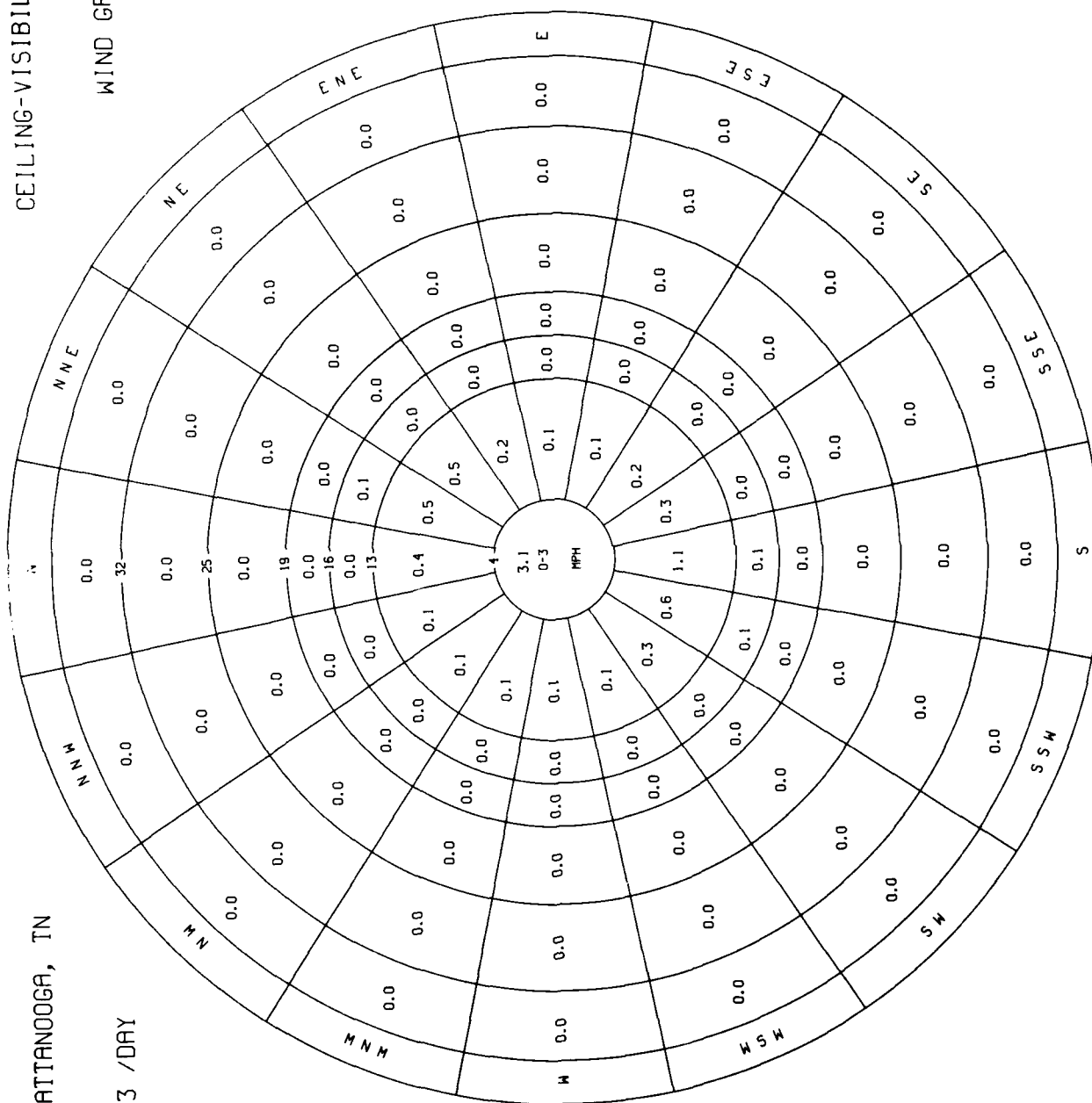
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D	
N	.2	1.9	.5	4.2	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.7	6.4	6.3
NNE	.2	1.8	.5	4.7	.1	.5	.0	.1	.0	.1	.0	.0	.0	.0	.0	.8	7.1	6.9
NE	.2	2.1	.4	4.0	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.7	6.5	5.9
ENE	.2	1.4	.2	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	3.2	4.8
E	.1	1.0	.1	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.7	3.9
ESE	.1	.6	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.8	3.9
SE	.1	.9	.1	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.9	4.6
SSE	.1	1.0	.3	2.4	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.4	3.7	6.6
S	.3	3.1	1.1	9.7	.1	1.1	.0	.4	.0	.2	.0	.0	.0	.0	.0	1.6	14.5	7.5
SSW	.2	1.4	.6	5.7	.1	.6	.0	.2	.0	.0	.0	.0	.0	.0	.0	.9	7.9	7.4
SW	.2	1.4	.3	2.8	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.5	4.5	6.2
WSW	.1	.9	.1	.9	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.2	1.9	5.5
W	.1	.9	.1	1.1	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.2	2.2	6.8
WNW	.1	.5	.1	.9	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.5	6.6
NW	.1	.8	.1	1.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	2.3	6.1
NNW	.1	.7	.1	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.2	6.3
CALM	3.5	31.8														3.5	31.8	
TOTAL	5.2	52.2	4.7	42.5	.4	3.4	.1	1.3	.1	.5	.0	.0	.0	.0	.0	11.1	100	4.4

CEILING-VISIBILITY

WIND GRAPH

CHA CHATTANOOGA, TN

CLASS 3 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: CHA CHATTANOOGA, TN

PERIOD: 1948-1978

CLASS 3 / DAY

STATION NUMBER: 13882

NO. OBS.: 4209

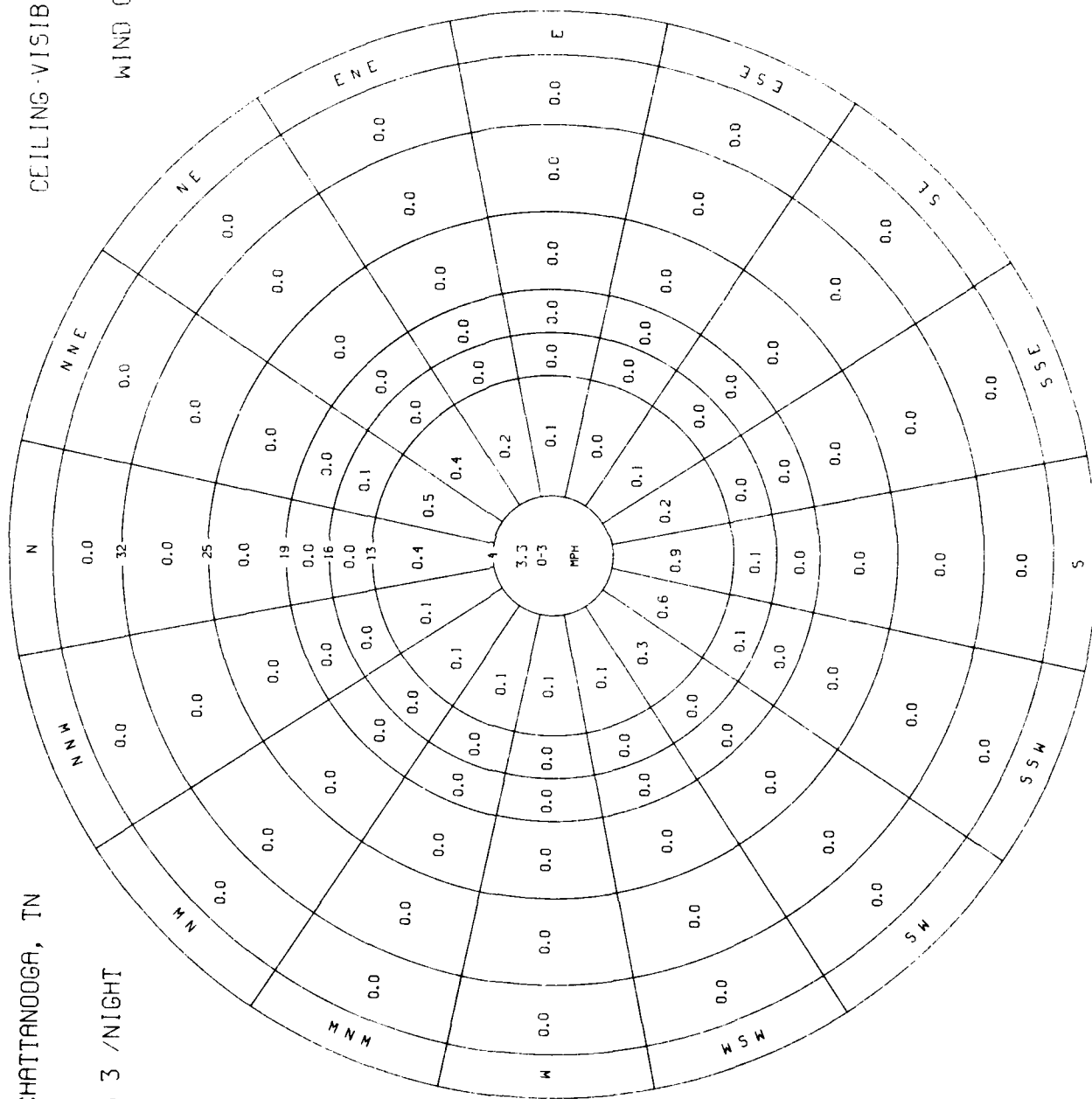
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.1	1.3	.4	4.7	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.5	6.3	7.0
NNE	.1	1.7	.5	6.1	.1	.7	.0	.2	.0	.0	.0	.0	.0	.0	.7	8.6	7.4
NE	.1	1.5	.5	5.8	.0	.5	.0	.1	.0	.0	.0	.0	.0	.0	.7	8.0	7.1
ENE	.1	1.0	.2	2.5	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.3	3.6	5.9
E	.1	1.3	.1	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.6	4.6
ESE	.0	.5	.1	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.2	4.6
SE	.1	1.0	.2	1.8	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.3	2.9	5.8
SSE	.1	1.0	.3	3.8	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.4	5.2	7.2
S	.2	2.8	1.1	12.6	.1	1.7	.0	.5	.0	.2	.0	.0	.0	.0	1.5	17.7	8.1
SSW	.1	1.3	.6	7.4	.1	.9	.0	.3	.0	.1	.0	.0	.0	.0	.9	9.9	7.8
SW	.1	1.2	.3	3.4	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.4	4.9	6.9
WSW	.1	.7	.1	1.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.0	5.7
W	.1	1.1	.1	.9	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.2	6.1
WNW	.1	.8	.1	.8	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.2	1.9	7.3
NW	.0	.6	.1	1.2	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.2	2.0	7.4
NNW	.1	1.0	.1	1.6	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.2	2.9	6.5
CALM	1.5	17.9													1.5	17.9	
TOTAL	3.1	36.6	4.8	55.9	.4	5.2	.2	1.8	.0	.5	.0	.1	.0	.0	8.6	100	5.9

CHA CHATTANOOGA, TN

CLASS 3 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: CHA CHATTANOOGA, TN

PERIOD: 1948-1978

CLASS 3 / NIGHT

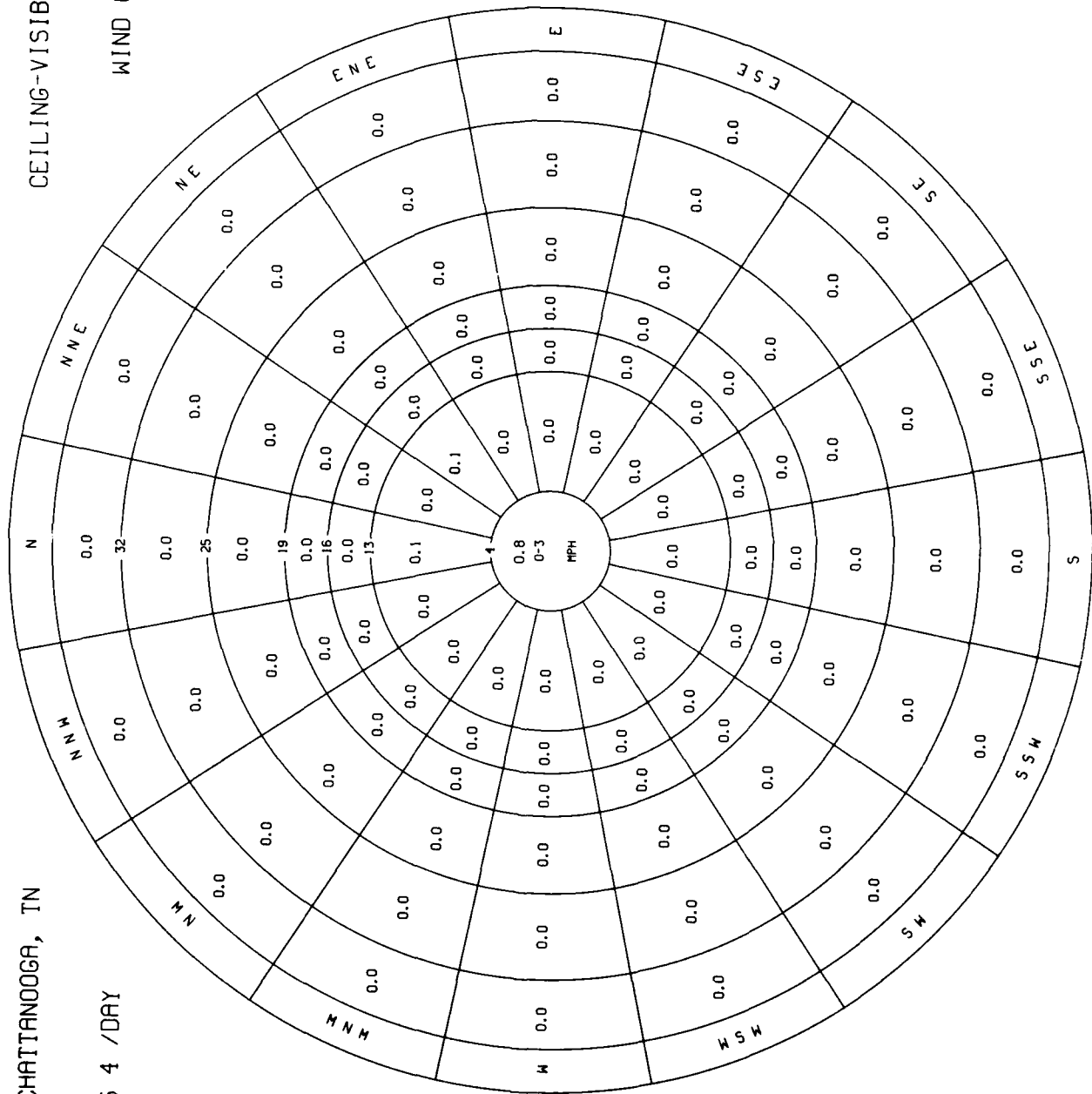
STATION NUMBER: 13682

NO. OBS.: 3250

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.1	1.6	.4	4.8	.0	.3	.0	.2	.0	.0	.0	.0	.0	.0	.0	.5	6.9
NNE	.1	1.7	.5	5.8	.1	.7	.0	.1	.0	.1	.0	.0	.0	.0	.0	.7	8.4
NE	.2	1.9	.4	4.6	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.5	7.0
ENE	.1	1.3	.2	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	3.3
E	.1	1.1	.1	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.8
ESE	.0	.6	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.9
SE	.1	.9	.1	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.1
SSE	.1	1.1	.2	3.0	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.4	4.6
S	.3	3.2	.9	11.9	.1	1.5	.0	.6	.0	.2	.0	.0	.0	.0	.0	1.4	17.4
SSW	.1	1.3	.6	7.1	.1	.8	.0	.2	.0	.0	.0	.0	.0	.0	.0	.7	9.4
SW	.1	1.4	.3	3.6	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.0	.4	5.3
WSW	.1	.9	.1	1.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.2	2.1
W	.1	.9	.1	1.3	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.2	2.5
WNW	.0	.5	.1	1.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.8
NW	.1	.7	.1	1.5	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.2	2.5
NNW	.1	.7	.1	1.4	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.2	2.5
CALM	1.7	21.7														1.7	21.7
TOTAL	3.3	41.4	4.0	51.3	.4	4.6	.1	1.9	.1	.6	.0	.1	.0	.0	.0	7.8	100
																	5.5

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: CHA CHATTANOOGA, TN

CLASS 4 / DAY

NO. OBS.: 619

STATION NUMBER: 13882

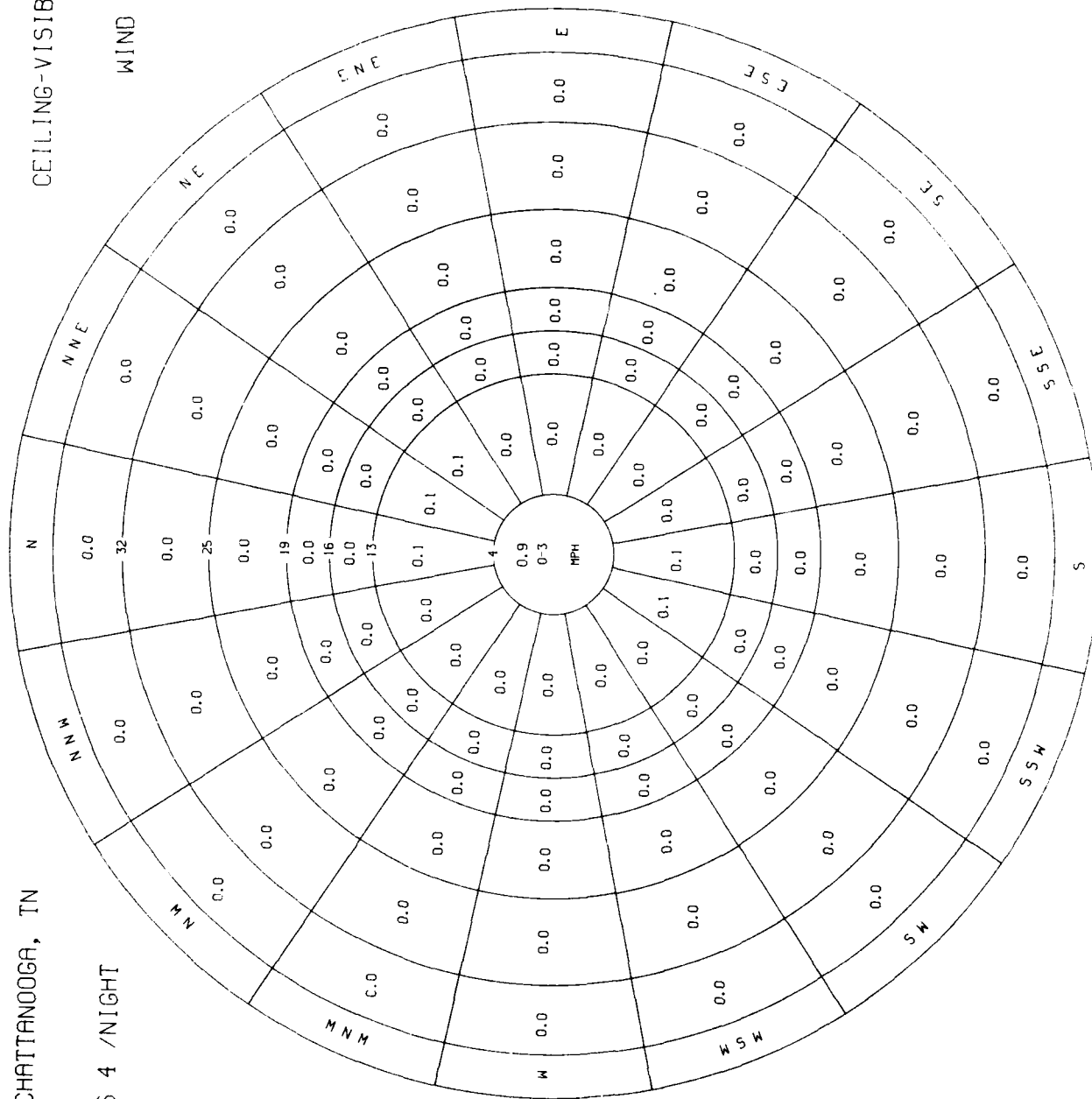
D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
															C		D
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	.1	4.4	.1	4.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	8.9	5.3
NNE	.0	2.4	.0	3.9	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.1	6.6	5.9
NE	.0	1.9	.1	6.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	8.2	5.6
ENE	.0	1.3	.0	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.7	4.8
E	.0	1.6	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	4.6
ESE	.0	1.6	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	3.9
SE	.0	1.6	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	3.8
SSE	.0	1.0	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	5.2
S	.0	3.2	.0	2.9	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.3	5.0
SSW	.0	1.0	.0	3.6	.0	.2	.0	.0	.0	.2	.0	.0	.0	.0	.1	4.8	6.7
SW	.0	1.9	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.4	4.5
WSW	.0	1.0	.0	.3	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	1.5	5.7
W	.0	1.5	.0	1.1	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	4.9
WNW	.0	1.0	.0	.6	.0	.2	.0	.0	.0	.0	.0	.2	.0	.0	.0	1.9	6.7
NW	.0	2.1	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	4.1
NNW	.0	2.3	.0	1.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	4.4
CALM	.4	32.1													.4	32.1	
TOTAL	.8	61.9	.5	36.3	.0	1.0	.0	.2	.0	.3	.0	.2	.0	.2	1.3	100	3.5

CHA CHATTANOOGA, TN

CLASS 4 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: CHA CHATTANOOGA, TN

PERIOD: 1948-1978

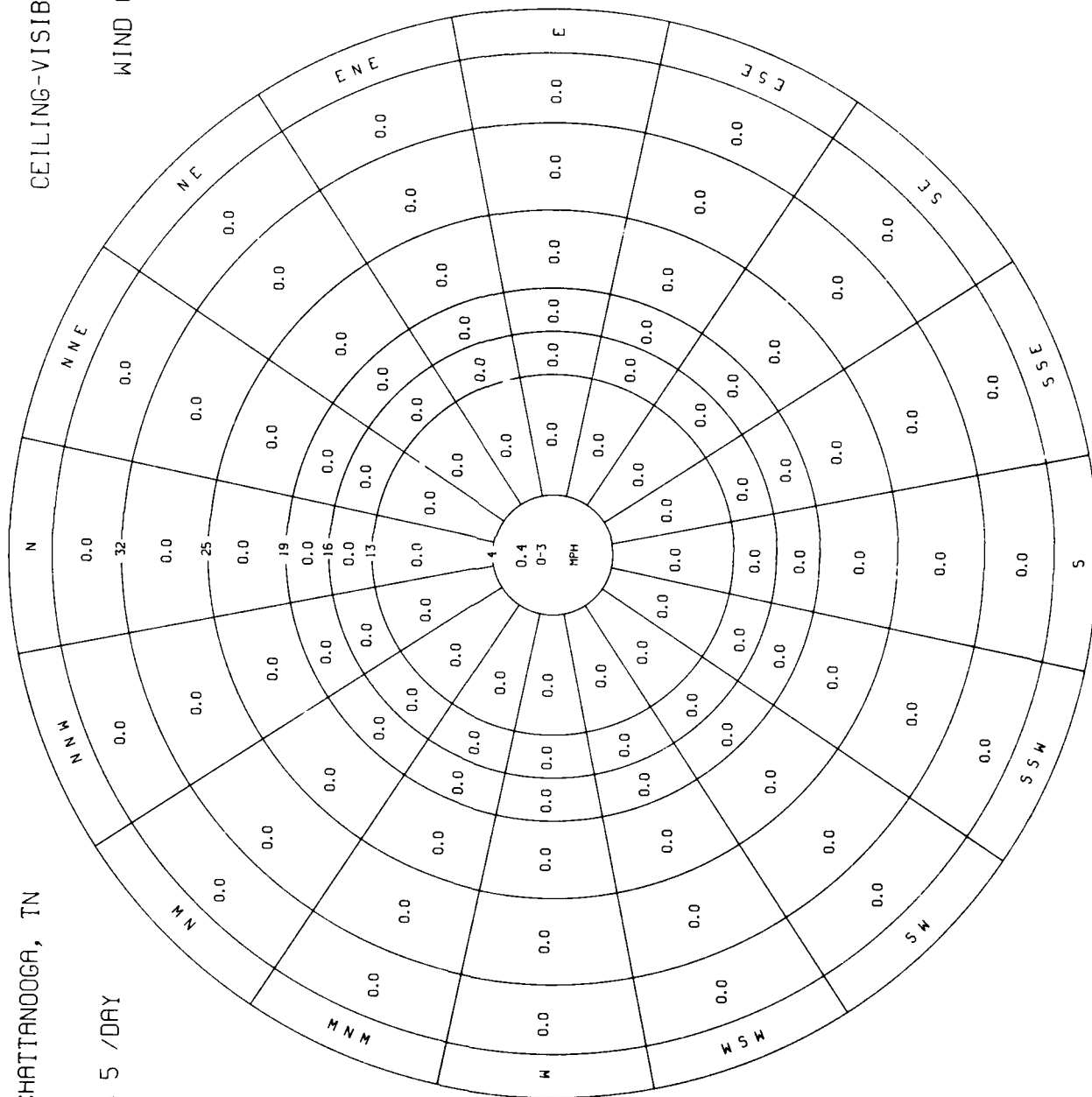
CLASS 4 / NIGHT

STATION NUMBER: 13882

NO. OBS.: 606

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D
N	.1	3.6	.1	4.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.8	4.6
NNE	.0	1.2	.1	3.6	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.0	5.8
NE	.0	2.6	.1	4.8	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.6	5.1
ENE	.0	1.7	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	4.5
E	.0	1.2	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	3.7
ESE	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	2.8
SE	.0	.8	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	3.9
SSE	.0	.7	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	5.1
S	.1	3.8	.1	6.8	.0	.3	.0	.2	.0	.0	.0	.0	.0	.0	.0	.2	11.1	5.9
SSW	.0	2.5	.1	4.5	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	7.4	6.7
SW	.0	2.0	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.8	3.9
WSW	.0	.8	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	3.9
W	.0	1.2	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	4.3
WNW	.0	.2	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	5.7
NW	.0	1.3	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	4.5
NNW	.0	.8	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	4.5
CALM	.6	38.6														.6	38.6	
TOTAL	.9	63.9	.5	34.8	.0	1.0	.0	.2	.0	.0	.0	.0	.0	.0	.2	1.5	100	3.1

CHA CHATTANOOGA, TN
 CLASS 5 /DAY
 CEILING-VISIBILITY
 WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: CHA CHATTANOOGA, TN

PERIOD: 1948-1978

CLASS 5 / DAY

STATION NUMBER: 13882

NO. OBS.: 216

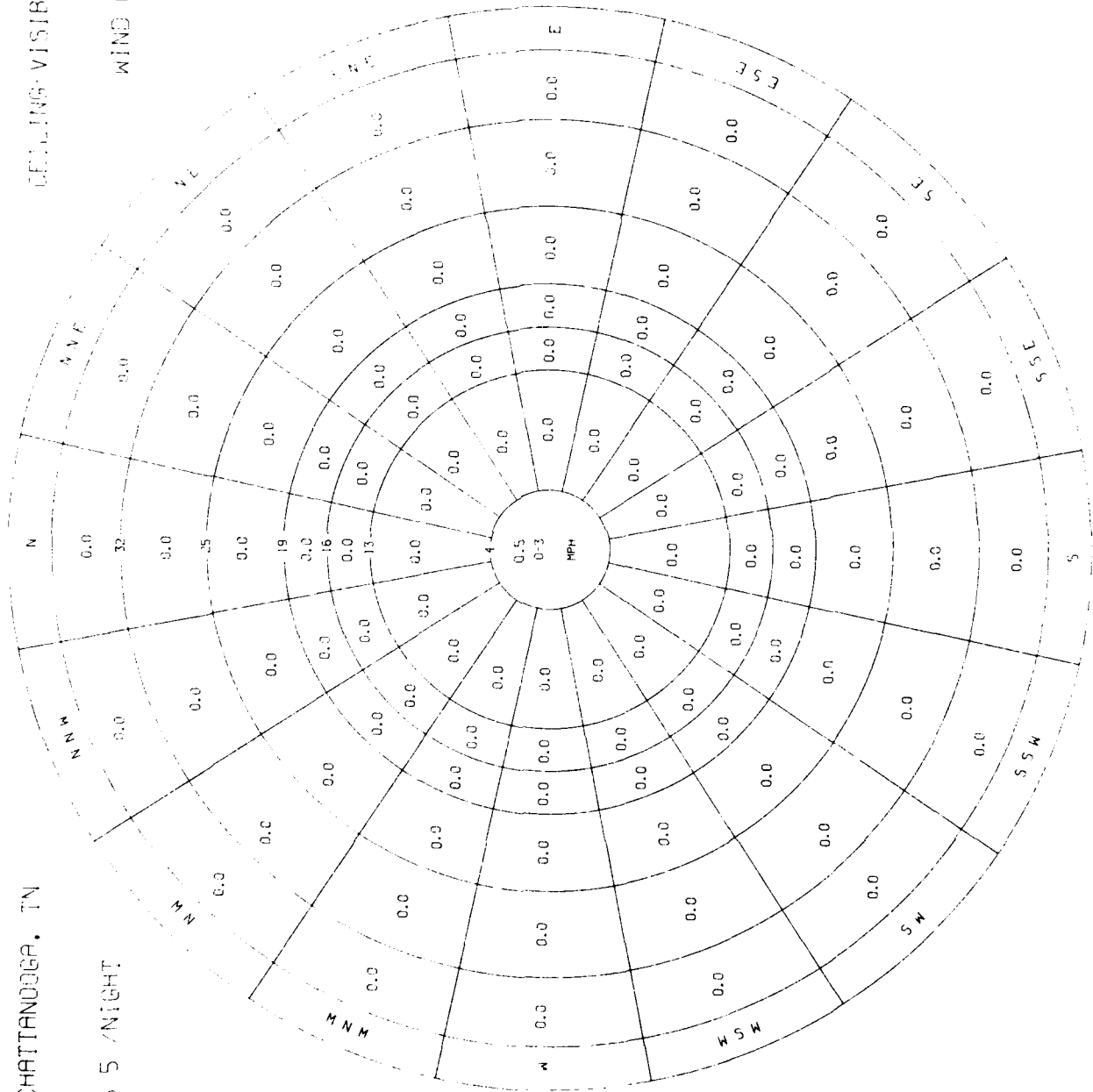
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
															C	D	
N	.0	.9	.0	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	4.5
NNE	.0	2.3	.0	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.1	4.5
NE	.0	2.3	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2	3.6
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
E	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	5.0
ESE	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	3.0
SE	.0	.9	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	4.2
SSE	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	2.3
S	.0	2.8	.0	3.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.5	4.3
SSW	.0	.5	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	5.7
SW	.0	1.4	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2	5.1
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	3.0
WNW	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	3.0
NW	.0	1.4	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	3.0
NNW	.0	1.4	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	4.6
CALM	.3	65.7													.3	65.7	
TOTAL	.4	83.8	.1	16.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	100	1.4

CHA CHATTANOOGA, TN

CLASS 5 / NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: CHA CHATTANOOGA, TN

PERIOD: 1949-1978

CLASS 5 / NIGHT

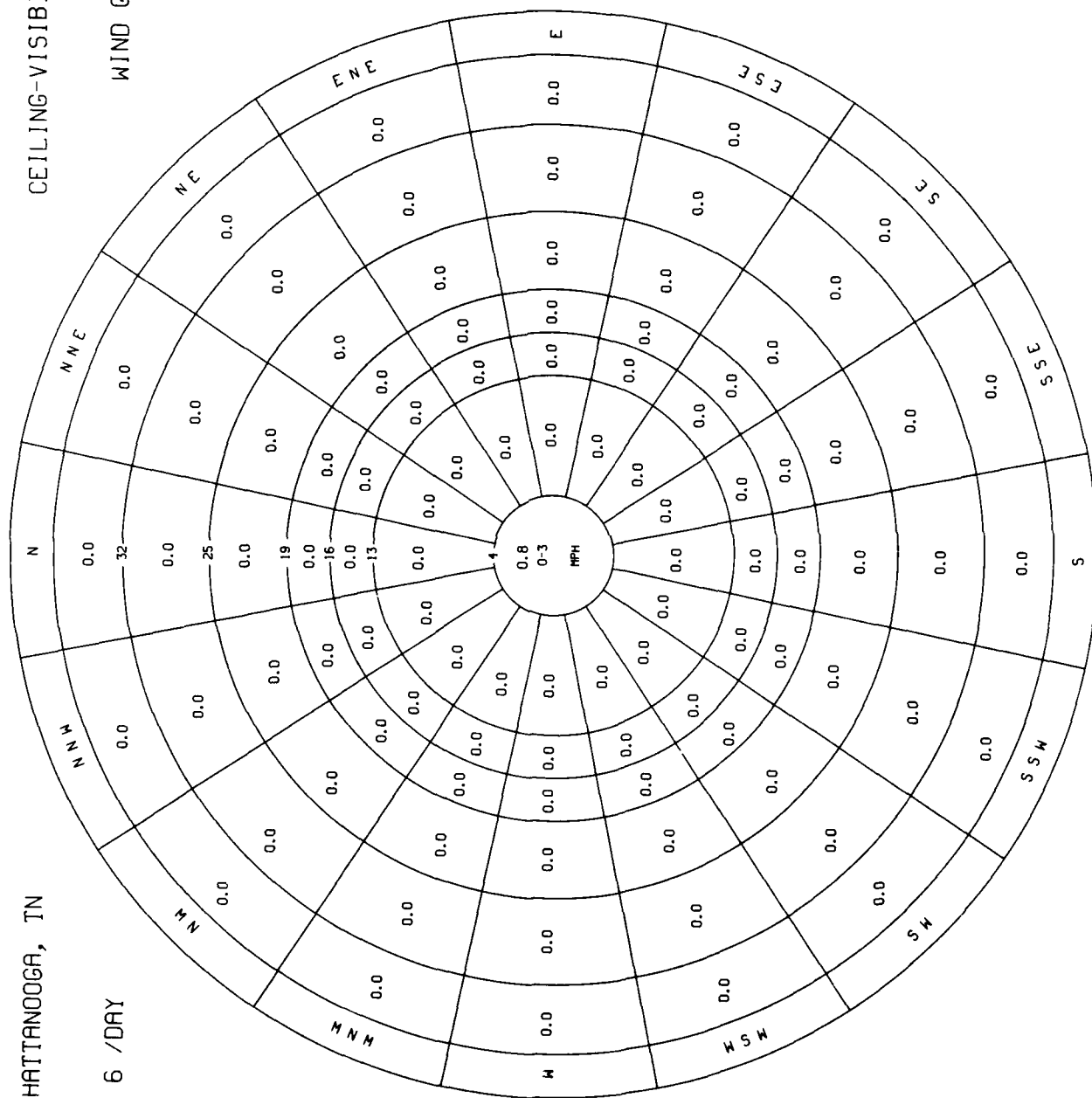
STATION NUMBER: 13632

NO. OBS.: 263

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
NVE	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.6	3.2
NFE	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	3.0
NDE	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	3.3
NSE	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	3.8
EVE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	3.0
EFE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	2.3
ESE	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	3.6
SSE	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	3.5
SW	.0	4.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	4.3
SSW	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	3.9
SW	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	3.8
WSW	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	4.6
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	2.9
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	3.1
NW	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	6.3
NNW	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	3.3
CA-M	4.8	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.6	1.4
TOTAL	5.85	13.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6	100	1.4

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: CHA CHATTANOOGA, TN

CLASS 6 / DAY

NO. OBS.: 433

STATION NUMBER: 13882

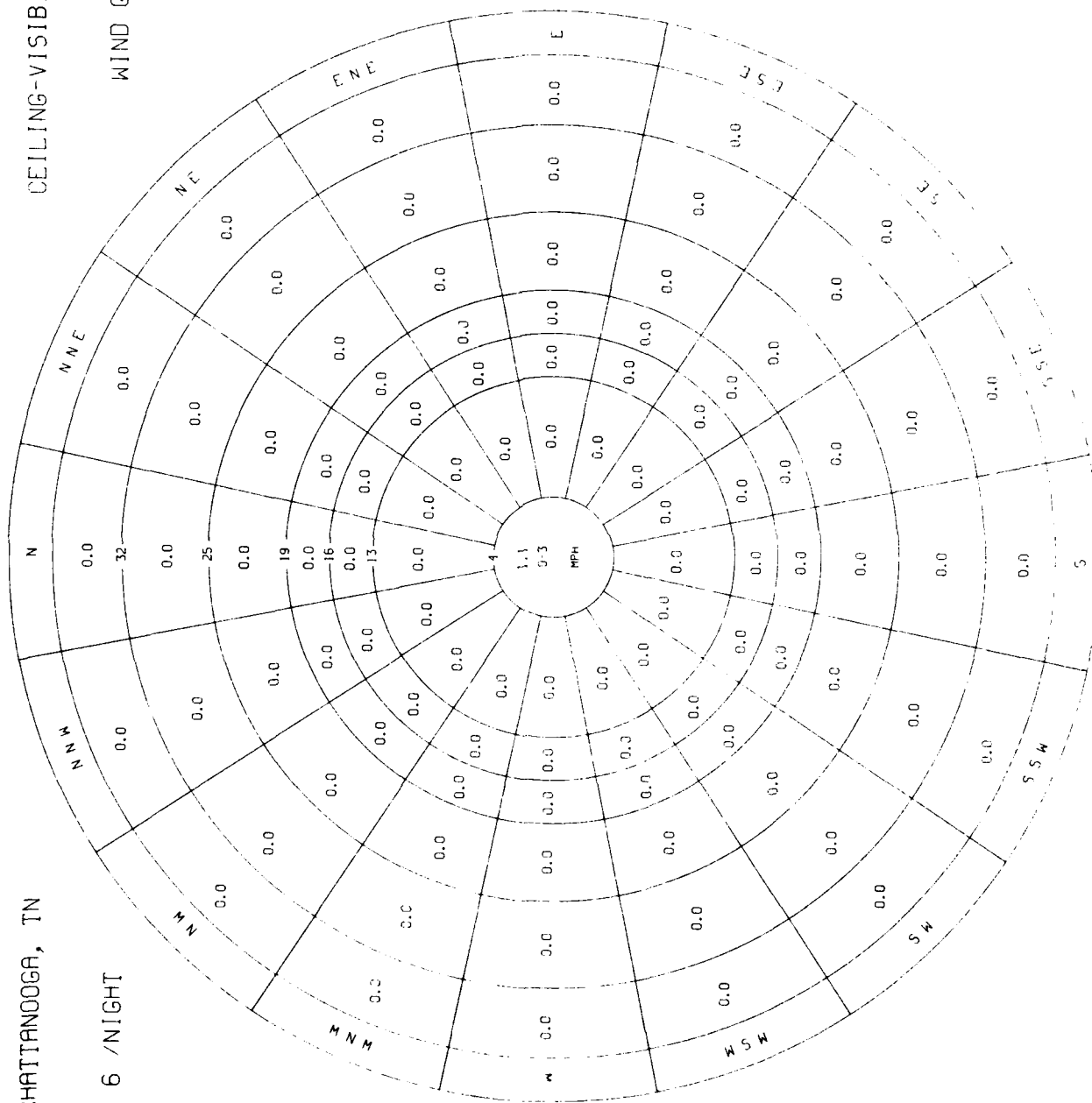
D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C
N	.0	2.3	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4
NNE	.0	2.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1
NE	.0	1.4	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7
ENE	.0	.2	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.2
E	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7
ESE	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0
SE	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0
SSE	.0	1.4	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7
S	.0	2.1	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8
SSW	.0	2.1	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1
SW	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8
WSW	.0	1.4	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5
W	.0	.7	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2
WNW	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0
NW	.0	1.2	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9
NNW	.0	1.4	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2
CALM	.6	73.0														.6	73.0
TOTAL	.8	92.1	.1	7.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	100

CHA CHATTANOOGA, TN

CLASS 6 / NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: CHA CHATTANOOGA, TN

PERIOD: 1948-1978

CLASS 6 / NIGHT

STATION NUMBER: 13882

NO. OBS.: 485

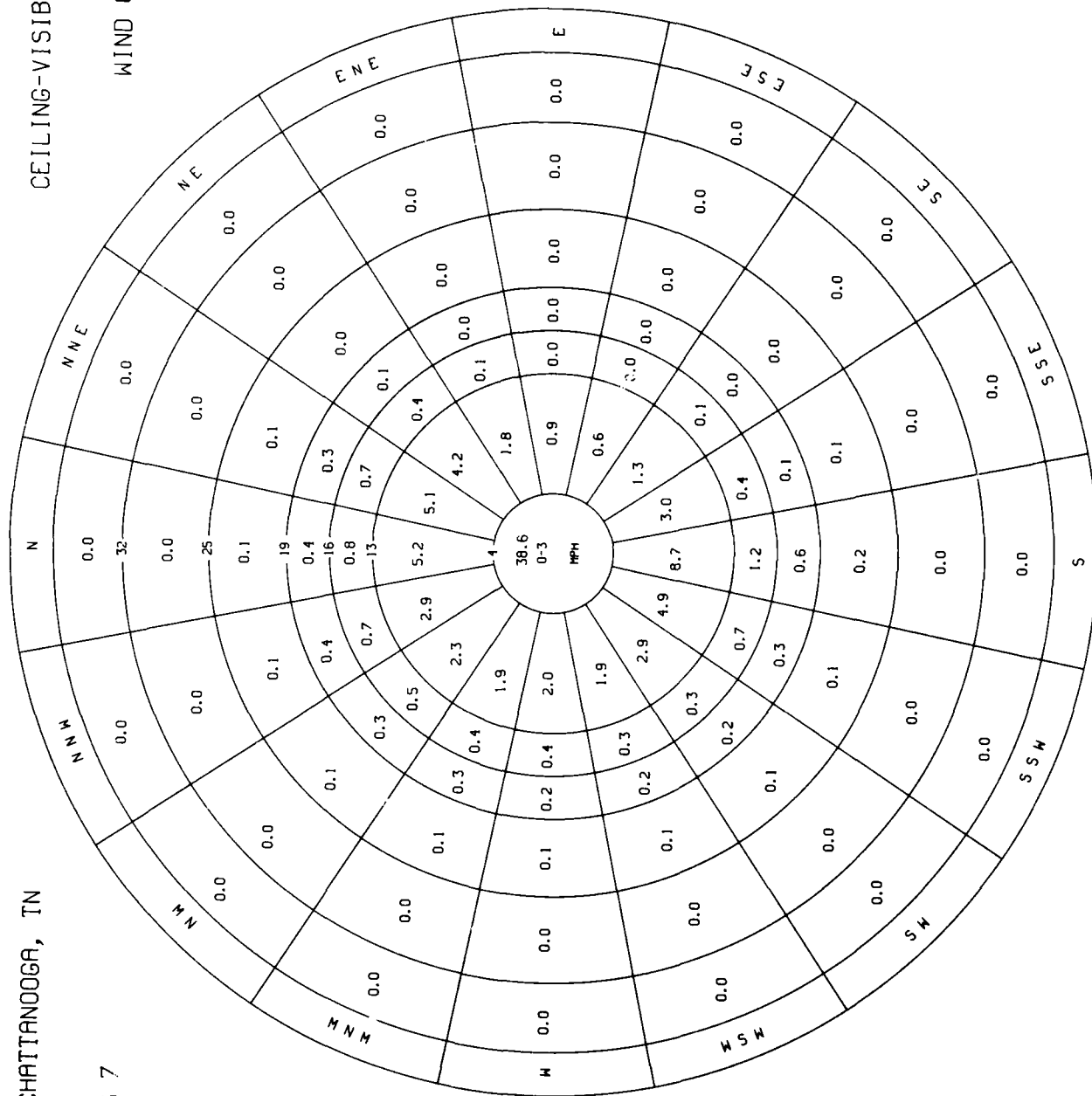
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C
N	.0	1.4	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	3.7
NNE	.0	2.7	.0	1.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9	3.9
NE	.0	2.9	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9	3.4
ENE	.0	1.9	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	3.7
E	.0	.6	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	3.0
ESE	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	5.0
SE	.0	.8	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	3.7
SSE	.0	.8	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	4.1
S	.0	2.1	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	3.5
SSW	.0	.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	3.7
SW	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	3.0
WSW	.0	1.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	2.5
W	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	5.0
WNW	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	2.5
NW	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	2.3
NNW	.0	.6	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	3.8
CALM	.9	74.8													.9	74.8	
TOTAL	1.1	91.3	.1	8.5	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	12	100

CHA CHATTANOOGA, TN

CLASS 7

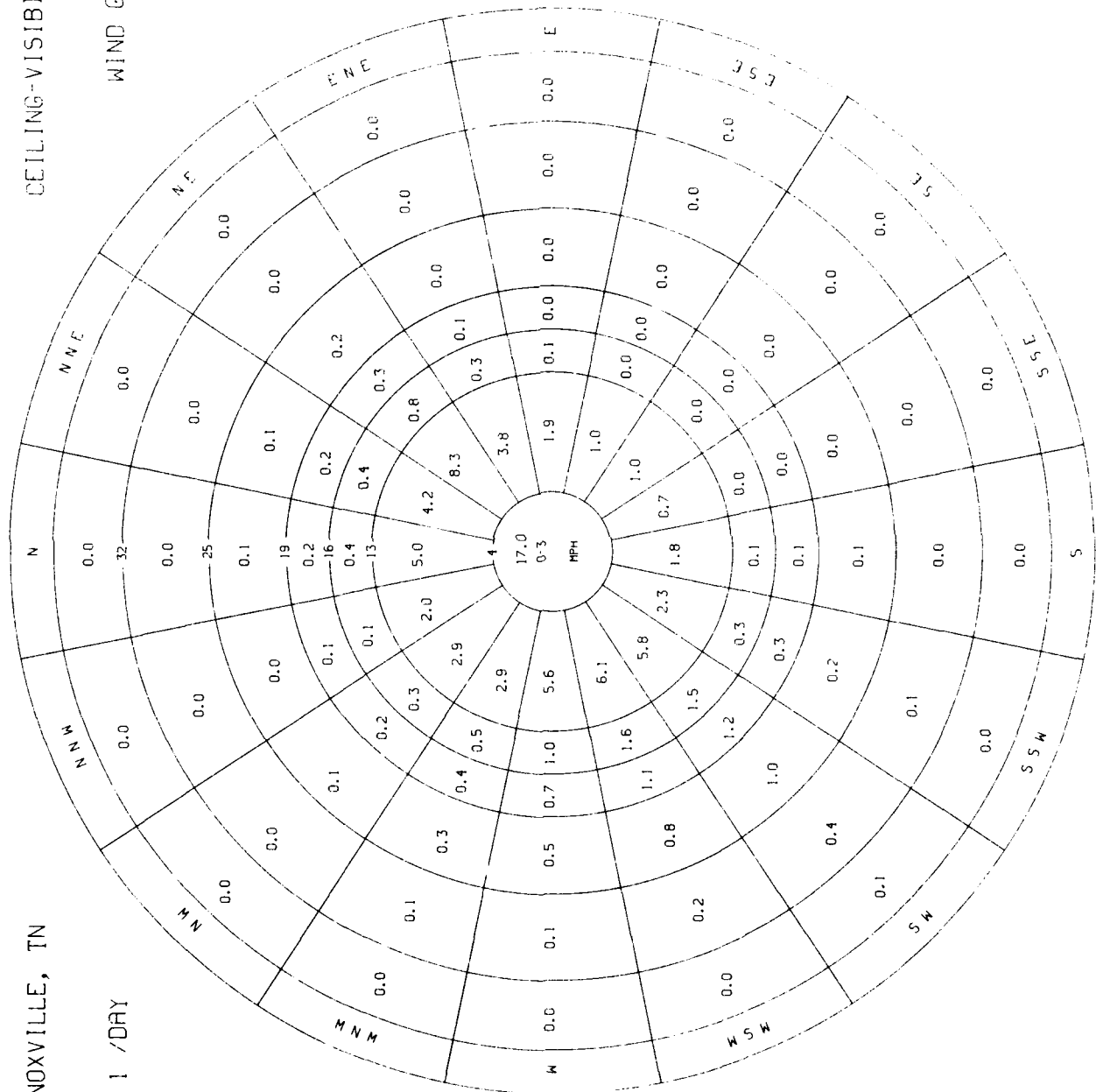
CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: TYS KNOXVILLE, TN

PERIOD: 1948-1978

CLASS 1 / DAY

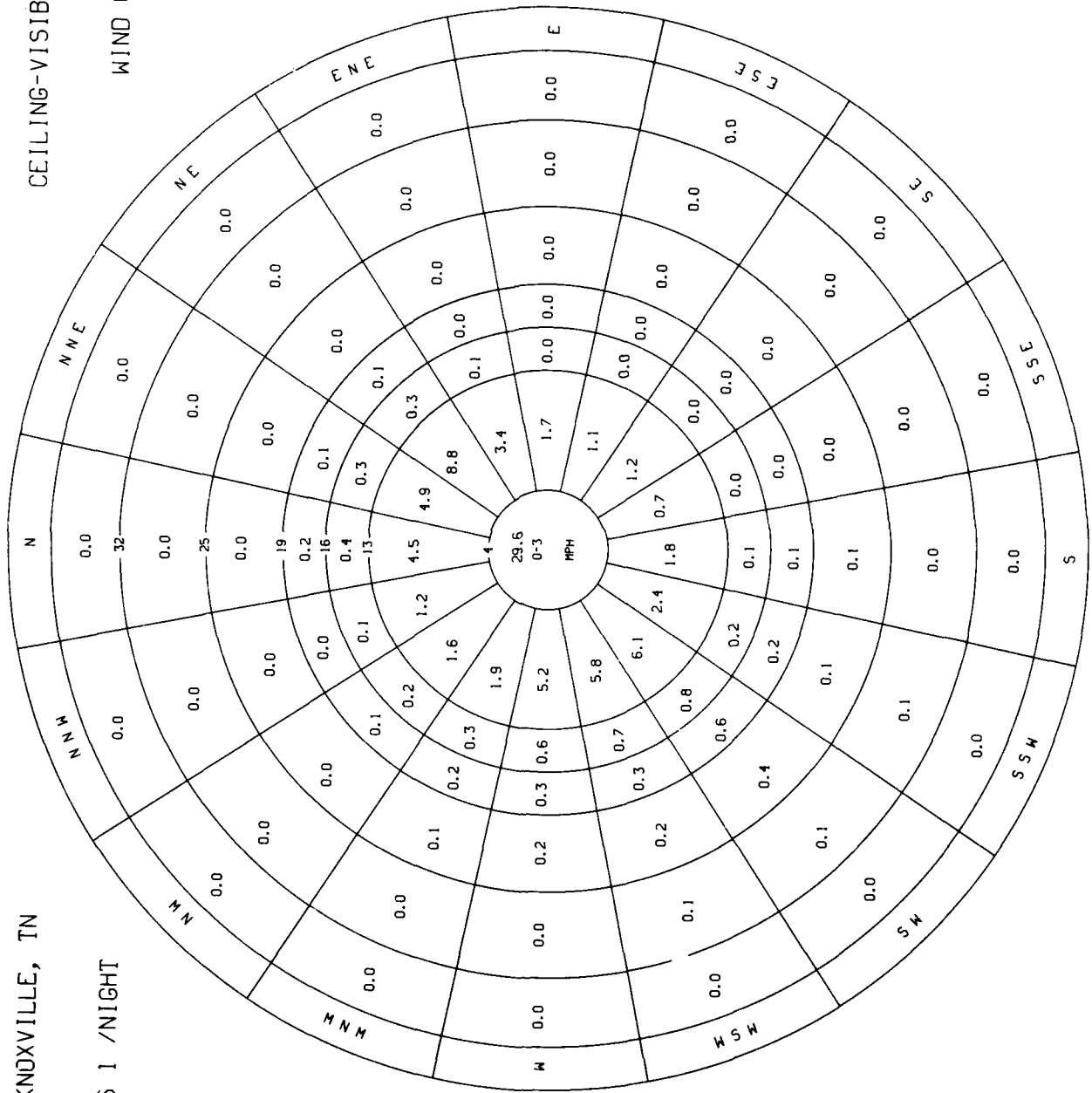
STATION NUMBER: 13891

NO. OBS.: 44582

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.9	1.0	5.0	5.6	.4	.5	.2	.2	.1	.1	.0	.0	.0	.0	6.5	7.3	7.7
NNE	.6	.7	4.2	4.7	.4	.5	.2	.2	.1	.1	.0	.0	.0	.0	5.4	6.1	7.9
NE	1.5	1.7	8.3	9.3	.8	.9	.3	.4	.2	.2	.0	.0	.0	.0	11.1	12.5	7.8
ENE	.7	.8	3.8	4.2	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	4.9	5.5	7.4
E	.7	.8	1.9	2.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.7	3.0	6.0
ESE	.4	.4	1.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	1.6	5.9
SE	.5	.6	1.0	1.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.6	1.8	5.6
SSE	.3	.3	.7	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.1	6.5
S	.6	.7	1.8	2.0	.1	.2	.1	.1	.1	.1	.0	.0	.0	.0	2.7	3.1	7.7
SSW	.4	.4	2.3	2.6	.3	.4	.3	.3	.2	.2	.1	.1	.0	.0	3.6	4.0	9.8
SW	.9	1.0	5.8	6.5	1.5	1.7	1.2	1.4	1.0	1.1	.4	.4	.1	.1	10.9	12.2	11.7
WSW	.5	.6	6.1	6.9	1.6	1.8	1.1	1.3	.8	.9	.2	.2	.0	.0	10.4	11.7	11.2
W	.9	1.0	5.6	6.3	1.0	1.2	.7	.8	.5	.5	.1	.1	.0	.0	8.9	10.0	10.0
WNW	.4	.4	2.9	3.3	.5	.5	.4	.4	.3	.3	.1	.1	.0	.0	4.5	5.0	9.9
NW	.7	.8	2.9	3.2	.3	.3	.2	.2	.1	.1	.0	.0	.0	.0	4.2	4.7	7.9
NNW	.4	.4	2.0	2.3	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	2.6	2.9	7.1
CALM	6.7	7.6													6.7	7.6	
TOTAL	17.0	19.1	55.2	61.9	7.6	8.5	4.9	5.5	3.3	3.7	.9	1.0	.2	.2	89.2	100	8.3

TYS KNOXVILLE, TN

CLASS 1 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: TYS KNOXVILLE, TN

PERIOD: 1948-1978

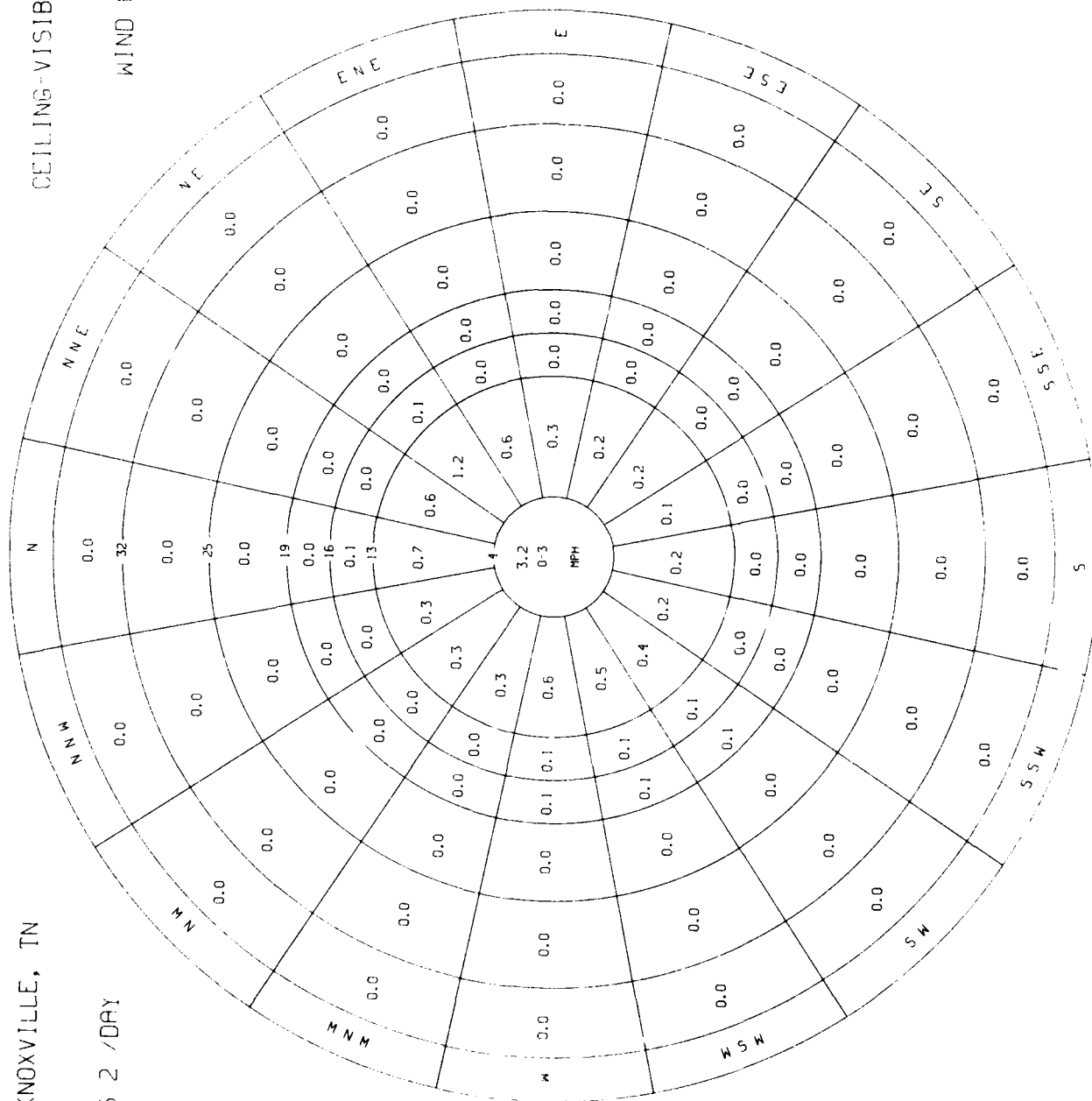
CLASS 1 / NIGHT

STATION NUMBER: 13891

NO. OBS.: 36421

D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	.9	1.0	4.5	5.0	.4	.4	.2	.2	.0	.0	.0	.0	.0	.0	6.0	6.6	7.5
NNE	.7	.8	4.9	5.5	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	6.1	6.8	7.5
NE	2.4	2.7	8.8	9.8	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	11.7	13.0	6.5
ENE	1.1	1.2	3.4	3.8	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	4.6	5.2	5.7
E	1.3	1.5	1.7	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	3.4	4.6
ESE	.7	.8	1.1	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	2.0	4.7
SE	1.1	1.2	1.2	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	2.6	4.6
SSE	.5	.6	.7	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	1.5	5.3
S	1.2	1.3	1.8	2.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	3.3	3.7	6.3
SSW	.6	.7	2.4	2.6	.2	.2	.2	.2	.1	.1	.1	.1	.0	.0	3.5	3.9	8.0
SW	1.5	1.7	6.1	6.8	.8	.9	.6	.6	.4	.5	.1	.2	.0	.0	9.6	10.7	9.0
WSW	.7	.8	5.8	6.4	.7	.7	.3	.4	.2	.2	.1	.1	.0	.0	7.7	8.6	8.5
W	.7	.8	5.2	5.7	.6	.6	.3	.4	.2	.2	.0	.0	.0	.0	7.0	7.8	8.6
WNW	.3	.3	1.9	2.1	.3	.4	.2	.3	.1	.1	.0	.0	.0	.0	2.9	3.2	9.6
NW	.5	.5	1.6	1.8	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	2.4	2.6	7.4
NNW	.4	.4	1.2	1.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.7	1.9	6.4
CALM	14.9	16.6													14.9	16.6	
TOTAL	29.6	33.0	52.1	58.0	4.1	4.5	2.2	2.5	1.3	1.5	.4	.4	.1	.1	89.8	100	6.1

TYS KNOXVILLE, TN
 CLASS 2 /DAY
 CEILING-VISIBILITY
 WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: T.S. KNOXVILLE, TN

PERIOD: 1948-1978

CLASS 2 / DAY

STATION NUMBER: 13891

NO. OBS.: 5409

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.1	1.3	.7	6.3	.5	.3	.0	.1	.0	.0	.0	.0	.0	.0	.9	8.5	7.4
NNE	.1	.8	.6	5.8	.0	.4	.0	.1	.0	.1	.0	.0	.0	.0	.8	7.2	7.3
NE	.3	2.3	1.2	11.3	.1	.8	.0	.3	.0	.0	.0	.0	.0	.0	1.6	14.8	7.3
ENE	.2	1.4	.6	5.5	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.8	7.2	6.5
E	.1	.1	.3	2.5	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.4	3.7	5.5
ESE	.1	.7	.2	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.3	5.4
SE	.1	1.0	.2	1.5	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.3	2.7	5.4
SSE	.0	.3	.1	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.0	5.5
S	.1	1.0	.2	1.6	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.3	2.6	5.3
SSW	.0	.4	.2	1.9	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.3	2.5	7.8
SW	.1	.8	.4	3.8	.1	.6	.1	.6	.0	.4	.0	.1	.0	.1	.7	6.3	10.0
WSW	.1	.5	.5	4.7	.1	.8	.1	.9	.0	.3	.0	.1	.0	.0	.8	7.0	10.2
W	.1	.5	.6	5.5	.1	.7	.1	.5	.0	.2	.0	.1	.0	.0	.8	7.5	9.1
WNW	.1	.6	.3	2.5	.0	.3	.0	.2	.0	.1	.0	.1	.0	.1	.4	3.9	9.2
NW	.1	1.0	.2	2.5	.0	.2	.0	.2	.0	.1	.0	.0	.0	.0	.4	4.0	7.6
NNW	.1	.7	.3	2.3	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.4	3.2	6.8
CALM	.7	15.7													1.7	15.7	
TOTAL	3.2	30.0	6.1	52.3	5	4.8	3	3.1	2	1.5	0	.4	.0	.2	10.8	100	6.4

AD-A108 159

NATIONAL CLIMATIC CENTER ASHEVILLE NC

F/G 4/2

WIND - CEILING - VISIBILITY DATA AT SELECTED AIRPORTS. VOLUME I--ETC(U)

JUN 81

DOT-FA79WAI-057

NL

UNCLASSIFIED

5 x 5

8 x 8



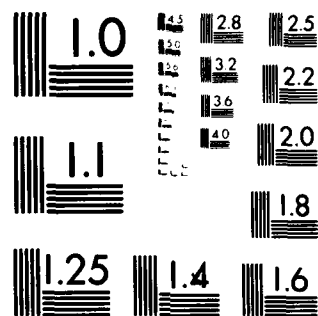
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DATE

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1-82

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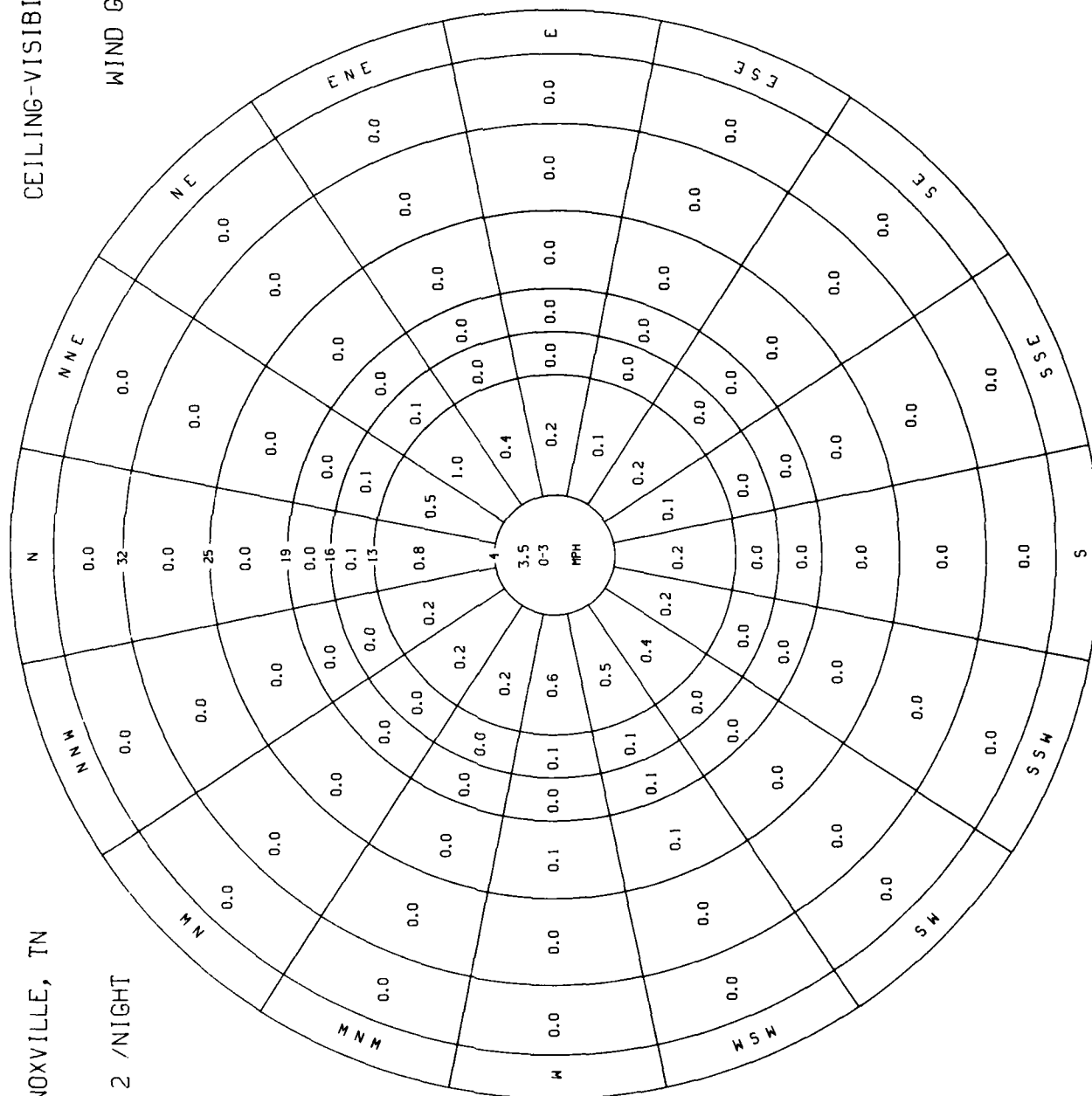


MICROCOPY RESOLUTION TEST CHART

NATIONAL BUREAU OF STANDARDS-1963-A

TYS KNOXVILLE, TN

CLASS 2 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: TYS KNOXVILLE, TN

PERIOD: 1948-1978

CLASS 2 / NIGHT

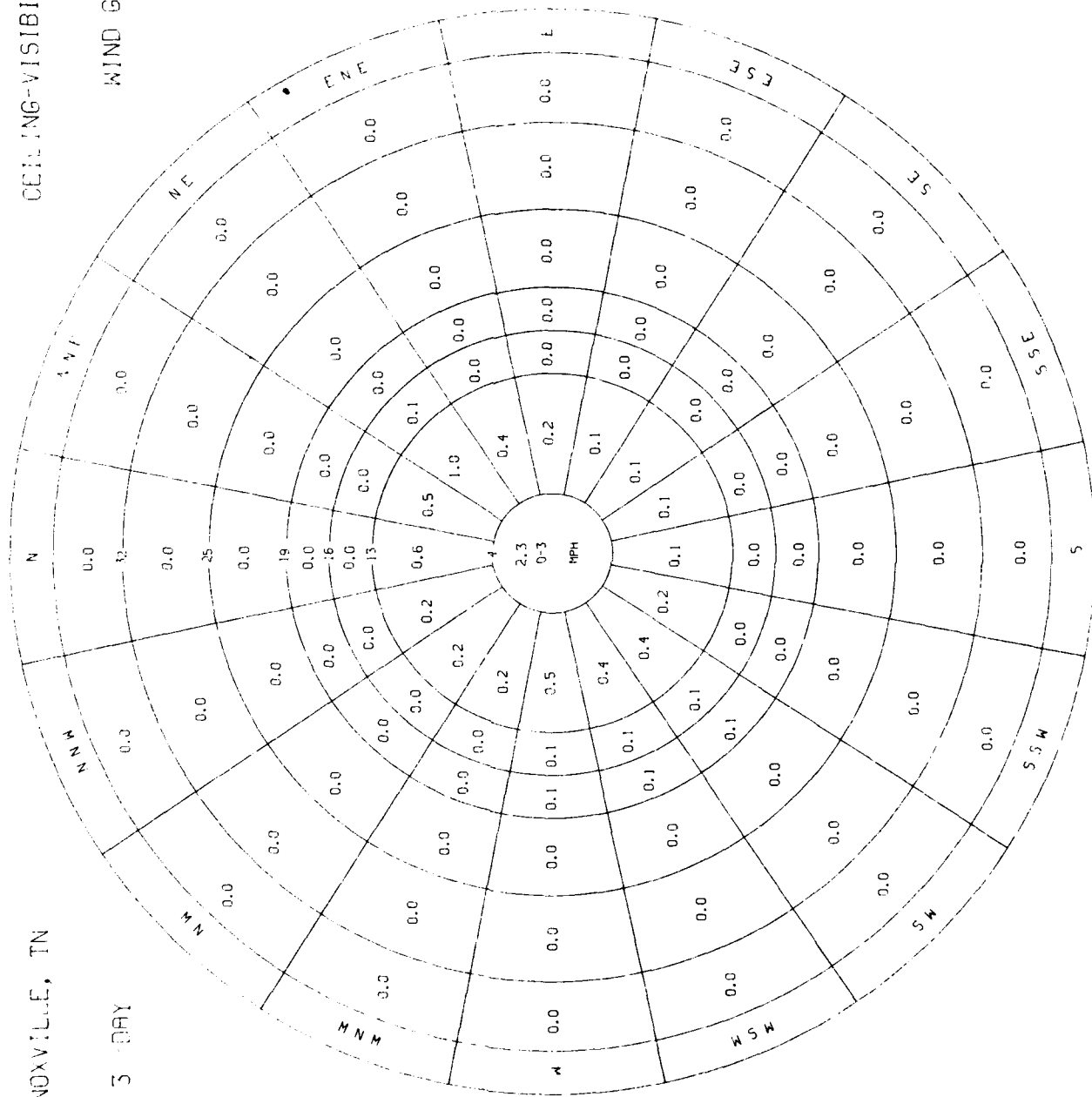
STATION NUMBER: 13891

NO. OBS.: 4130

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.2	1.5	.8	7.4	.1	.8	.0	.2	.0	.2	.0	.0	.0	.0	1.0	10.2	7.9
NNE	.1	.9	.5	5.1	.1	.7	.0	.3	.0	.1	.0	.0	.0	.0	.7	7.1	7.9
NE	.3	3.3	1.0	9.5	.1	.5	.1	.2	.0	.1	.0	.0	.0	.0	1.4	13.7	6.6
ENE	.1	1.4	.4	4.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.6	5.7	6.0
E	.2	1.7	.2	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	3.6	4.6
ESE	.1	.7	.1	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.0	5.2
SE	.1	1.2	.2	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	2.7	4.6
SSE	.0	.5	.1	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.3	5.2
S	.1	1.0	.2	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	2.8	5.5
SSW	.1	.5	.2	1.5	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.1	5.7
SW	.1	1.1	.4	4.0	.0	.5	.0	.4	.0	.4	.0	.0	.0	.0	.7	6.5	9.0
WSW	.1	.7	.5	5.1	.1	.7	.1	.5	.1	.5	.0	.0	.0	.0	.8	7.5	9.7
W	.1	.6	.6	5.4	.1	.7	.0	.4	.1	.5	.0	.2	.0	.0	.8	7.8	9.9
WNW	.0	.5	.2	2.2	.0	.3	.0	.3	.0	.1	.0	.1	.0	.0	.4	3.6	9.7
NW	.1	.8	.2	2.2	.0	.2	.0	.2	.0	.0	.0	.1	.0	.0	.4	3.5	7.7
NNW	.0	.5	.2	1.6	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.2	2.4	7.4
CALM	1.8	17.5													1.8	17.5	
TOTAL	3.5	34.5	5.6	55.3	.5	4.7	.3	2.7	.2	2.2	.0	.5	.0	.1	10.2	100	6.2

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: THE KNOXVILLE, TN

PERIOD: 1948-1978

CLASS 3 / DAY

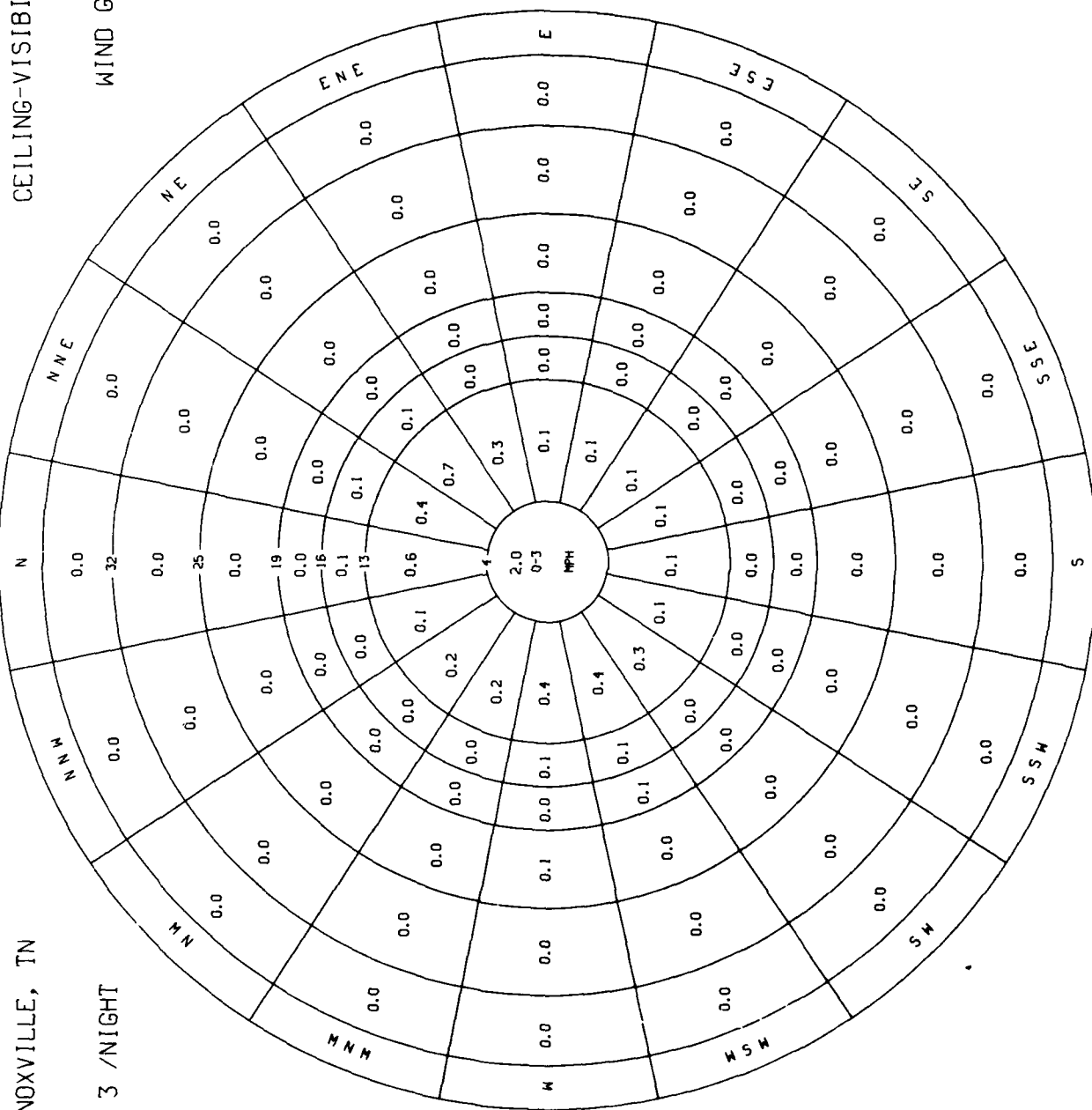
STATION NUMBER: 1389

NO. OBS.: 4276

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	F	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.1	.4	.6	6.6	.0	.5	.0	.4	.0	.1	.0	.0	.0	.0	.8	9.1	7.6
NNE	.1	.8	.5	6.0	.0	.4	.0	.2	.0	.1	.0	.0	.0	.0	.6	7.5	7.6
NNE	.2	1.9	1.0	1.3	.1	.8	.0	.3	.0	.0	.0	.0	.0	.0	1.2	14.5	7.6
NNE	.1	1.1	.4	5.1	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.5	6.3	7.0
E	.1	.3	.2	2.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.3	3.6	5.6
ESE	.7	.7	.1	1.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.2	5.5
ESE	.9	.9	.1	1.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.5	5.7
SSE	.3	.3	.1	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.9	5.5
SSE	.1	.1	.1	1.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.5	5.5
SE	.3	.3	.2	2.0	.2	.1	.0	.1	.0	.1	.0	.0	.0	.0	.2	2.7	8.0
SEW	.7	.7	.4	3.1	.1	.7	.1	.7	.0	.5	.0	.1	.0	.1	.6	6.9	10.6
SEW	.5	.5	.4	3.1	.1	1.2	.1	.7	.0	.4	.0	.1	.0	.0	.7	7.9	10.5
W	.1	.3	.5	6.0	.1	.2	.1	.6	.0	.3	.0	.1	.0	.0	.7	8.3	9.4
WNW	.1	.9	.2	2.6	.0	.4	.1	.3	.0	.1	.0	.1	.0	.1	.4	4.2	9.6
WNW	.9	.9	.2	2.7	.0	.3	.0	.2	.0	.2	.0	.0	.0	.0	.4	4.3	7.7
NW	.1	.1	.2	2.3	.1	.2	.0	.1	.0	.0	.0	.0	.0	.0	.3	3.3	6.7
NW	.2	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	1.2	13.4	6.9
TOTAL	5.3	25.6	5.3	61.6	5.5	5.6	3.3	3.7	2.2	1.9	0.0	.4	.0	.2	8.6	100	6.9

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: TYS KNOXVILLE, TN

PERIOD: 1948-1978

CLASS 3 / NIGHT

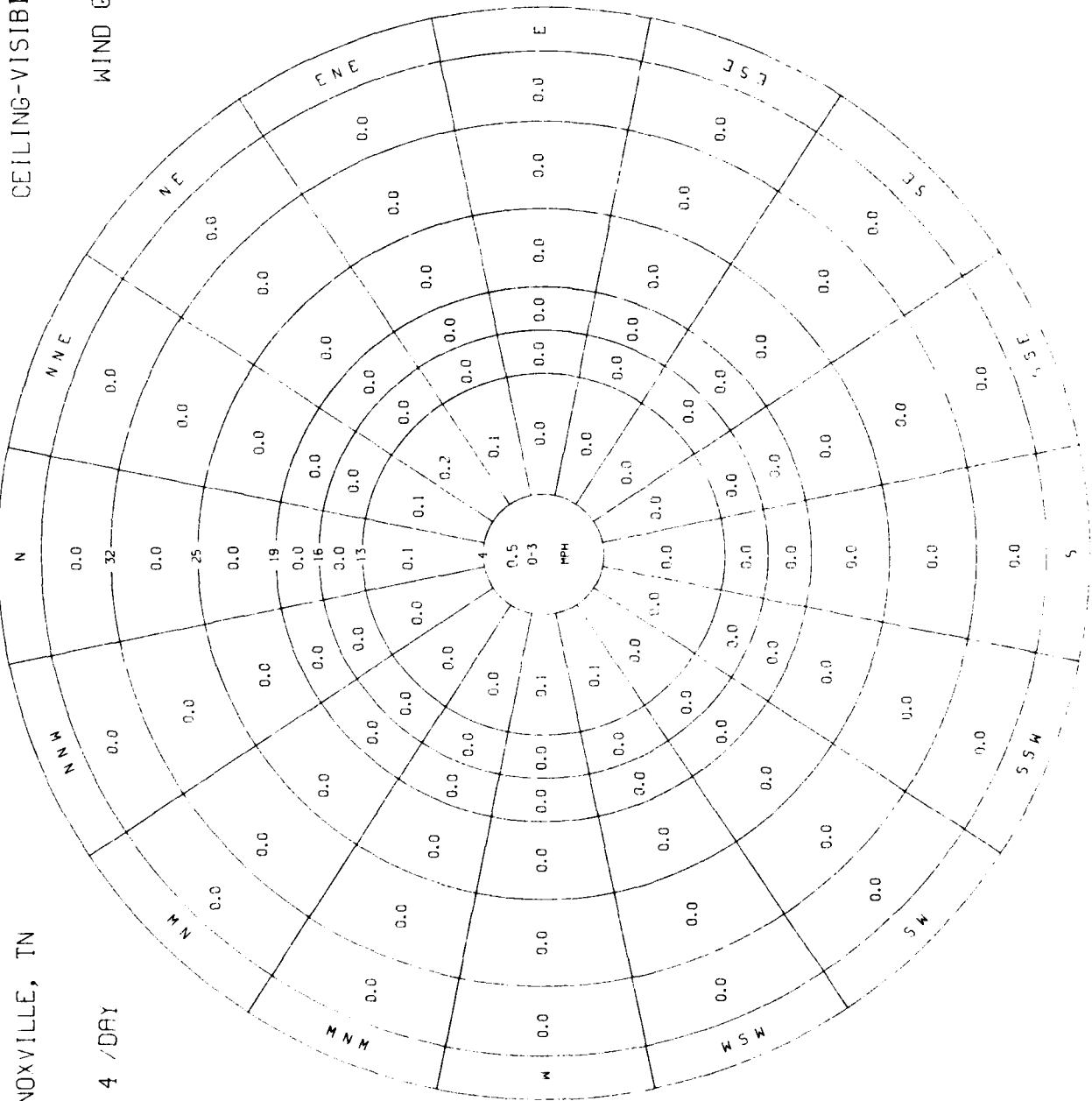
STATION NUMBER: 13891

NO. OBS.: 2938

D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	.1	1.4	.6	8.5	.1	1.1	.0	.3	.0	.3	.0	.0	.0	.0	.8	11.6	8.4
NNE	.0	.7	.4	6.2	.1	.9	.0	.4	.0	.1	.0	.0	.0	.0	.6	8.3	8.4
NE	.2	3.0	.7	9.9	.1	.7	.0	.3	.0	.1	.0	.0	.0	.0	1.0	14.0	6.9
ENE	.1	.9	.3	3.5	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.3	4.5	6.4
E	.1	1.4	.1	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	3.1	4.6
ESE	.0	.6	.1	1.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.7	5.4
SE	.1	.8	.1	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.3	5.0
SSE	.0	.3	.1	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.1	5.3
S	.1	.8	.1	1.7	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.2	2.6	6.1
SSW	.0	.4	.1	1.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.9	6.0
SW	.1	1.0	.3	4.4	.0	.6	.0	.5	.0	.5	.0	.1	.0	.0	.5	7.1	9.8
WSW	.0	.7	.4	5.7	.1	.9	.1	.7	.0	.7	.0	.1	.0	.0	.6	8.7	10.3
W	.0	.7	.4	6.2	.1	.9	.0	.4	.1	.7	.0	.2	.0	.0	.7	9.1	10.3
WNW	.0	.3	.2	2.3	.0	.4	.0	.4	.0	.2	.0	.1	.0	.0	.3	3.8	10.8
NW	.1	.8	.2	2.7	.0	.3	.0	.2	.0	.1	.0	.1	.0	.0	.3	4.1	8.1
NNW	.0	.4	.1	1.8	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.2	2.5	7.9
CALM	1.0	13.4													1.0	13.4	
TOTAL	2.0	27.6	4.3	59.1	.5	6.3	.3	3.5	.2	2.9	.0	.5	.0	.1	7.2	100	7.1

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: TYS KNOXVILLE, TN

PERIOD: 1948-1978

CLASS 4 / DAY

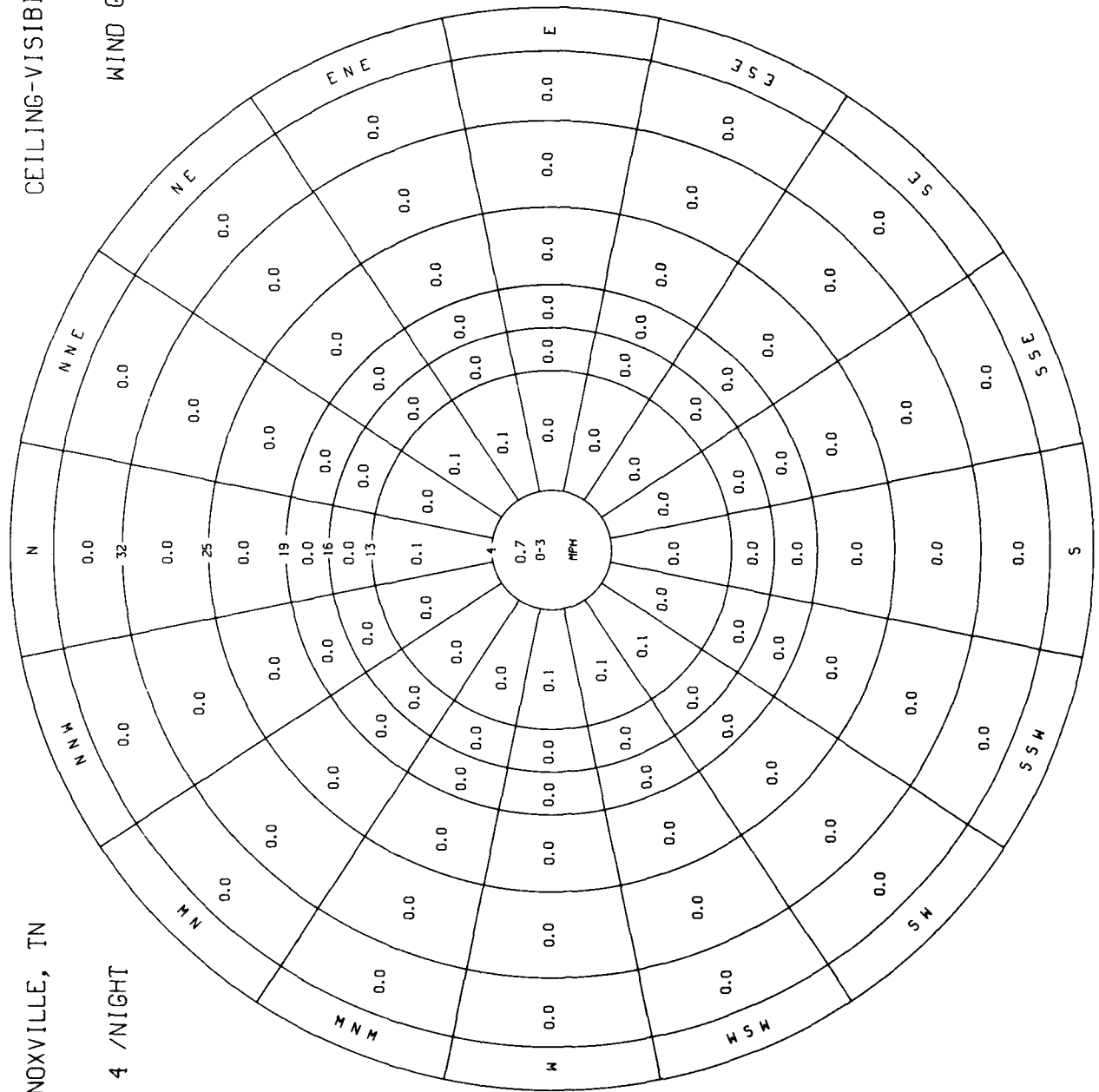
STATION NUMBER: 13891

NO. OBS.: 695

DIR	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.9	.1	5.0	.0	.3	.0	.1	.0	.0	.0	.0	.0	.1	6.5
NNE	.0	1.0	.1	5.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.3
NE	.0	3.2	.2	11.2	.0	.9	.0	.3	.0	.0	.0	.0	.0	.0	6.0
ENE	.0	2.3	.1	7.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	6.7
E	.0	1.0	.0	3.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	5.6
ESE	.0	.9	.0	1.6	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	6.0
SE	.0	2.2	.0	2.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	4.9
SSE	.0	.4	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.6
S	.0	1.9	.0	2.3	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	6.7
SSW	.0	.3	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.1
SW	.0	1.0	.0	3.5	.0	.3	.0	.1	.0	.1	.0	.0	.0	.0	8.2
WSW	.0	.4	.1	3.6	.0	.1	.0	.0	.0	.0	.0	.1	.0	.0	7.4
W	.0	.4	.1	4.3	.0	.4	.0	.1	.0	.0	.0	.0	.0	.1	7.4
WNW	.0	.4	.0	3.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	7.5
NW	.0	1.2	.0	2.2	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	7.4
NNW	.0	.4	.0	2.9	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	7.6
CALM	.3	18.1			.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	7.5
TOTAL	.5	36.0	.8	59.0	.0	2.7	.0	1.2	.0	.6	.0	.1	.0	.4	5.4

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: TYS KNOXVILLE, TN

PERIOD: 1948-1978

CLASS 4 / NIGHT

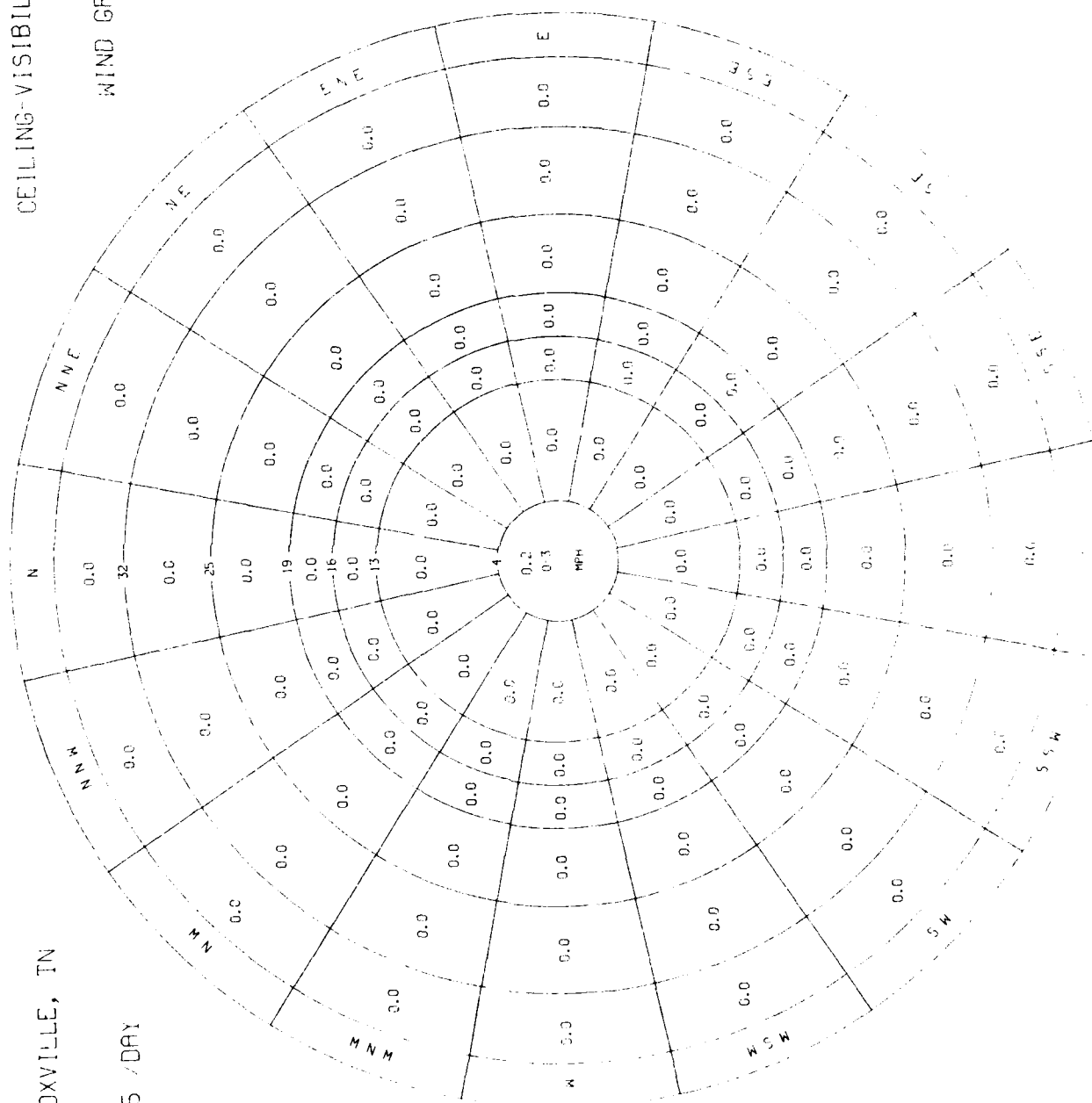
STATION NUMBER: 13891

NO. OBS.: 648

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	1.9	.1	5.9	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1 7.9
NNE	.0	.8	.0	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 3.7
NE	.0	3.1	.1	9.0	.0	.0	.0	.2	.0	.3	.0	.0	.0	.0	.2 12.5
ENE	.0	2.2	.1	5.6	.0	.2	.0	.0	.0	.0	.0	.0	.0	.2	.1 8.0
E	.0	2.3	.0	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 5.2
ESE	.0	.8	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.8
SE	.0	2.3	.0	1.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1 3.9
SSE	.0	.8	.0	.6	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0 1.5
S	.0	1.2	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 3.5
SSW	.0	.9	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.9
SW	.0	1.5	.1	4.3	.0	.0	.0	.3	.0	.3	.0	.0	.0	.0	.1 6.5
WSW	.0	.9	.1	4.8	.0	.2	.0	.0	.0	.2	.0	.0	.0	.0	.1 6.0
W	.0	.3	.1	4.3	.0	.3	.0	.3	.0	.2	.0	.2	.0	.0	.1 5.6
WNW	.0	.8	.0	2.9	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.1 4.0
NW	.0	1.1	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0 2.5
NNW	.0	.6	.0	1.2	.0	.0	.0	.2	.0	.2	.0	.0	.0	.0	.0 2.2
CALM	.3	21.3													.3 21.3
TOTAL	.7	42.7	.9	53.4	.0	1.1	.0	1.2	.0	1.1	.0	.3	.0	.2	1.6 100

CEILING-VISIBILITY

WIND GRAPH



TYS KNOXVILLE, TN

CLASS 5 /DAY

CEILING-VISIBILITY WIND TABULATIONS ANNUAL

STATION NAME: TROY - NOXVILLE, TN

PERIOD: 1948-1978

CLASS 5 / DAY

STATION NUMBER: 13833

NO. OBS.: 237

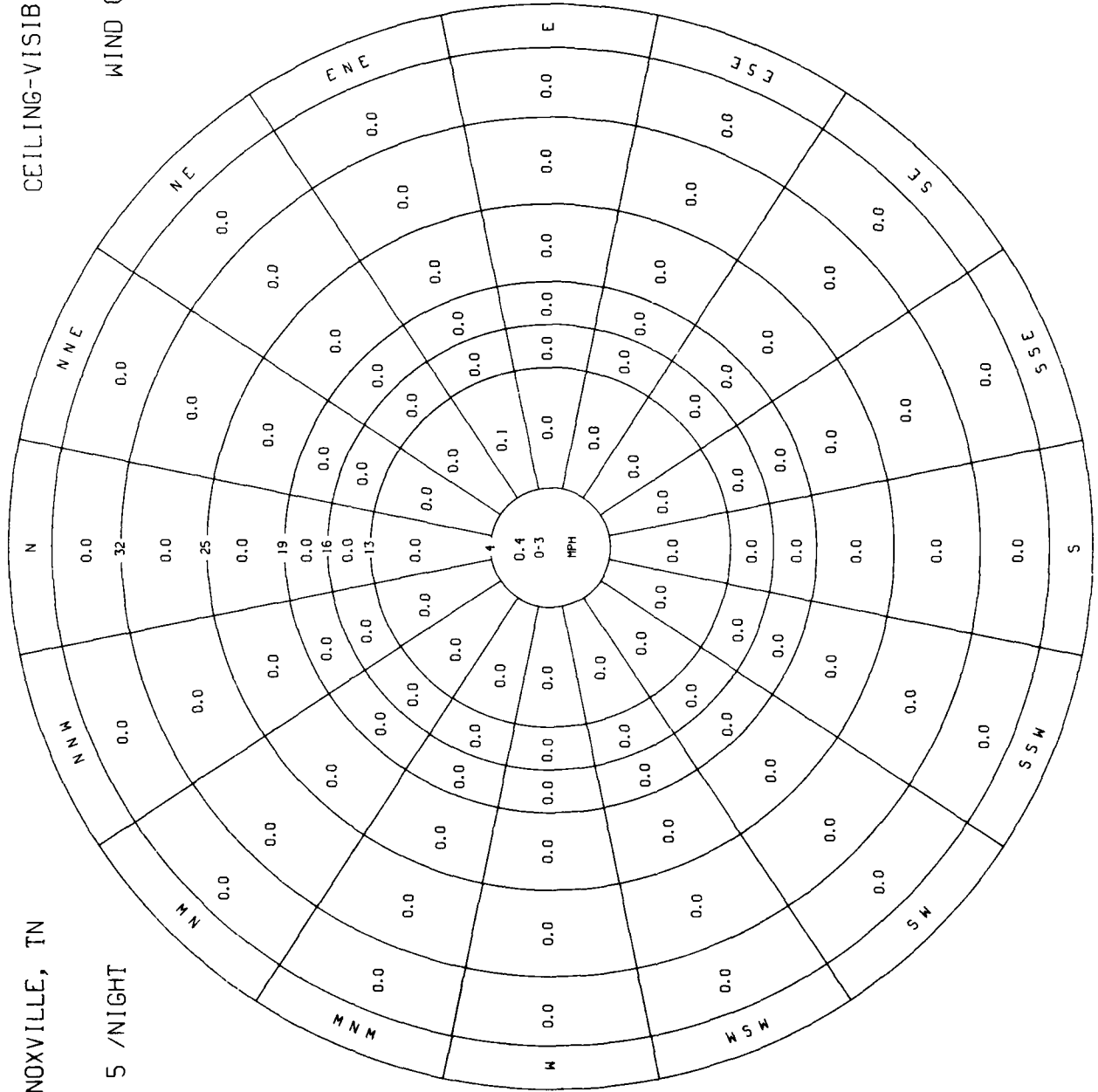
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	1.3	.0	4.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.5
NNE	.0	.0	.0	4.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2
N E	.0	5.5	.0	10.1	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	16.0
NNE	.0	3.0	.0	6.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.3
E	.0	1.7	.0	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.1
ESE	.0	.4	.0	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.6
SE	.0	.4	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2
SSE	.0	1.3	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1
S	.0	.8	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7
SSW	.0	1.7	.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0
SW	.0	1.7	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.6
WSW	.0	.0	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4
W	.0	.4	.0	3.8	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	2.5
WNW	.0	.4	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.6
NW	.0	1.3	.0	1.3	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	1.3
NNW	.0	.8	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0
CALM	.1	28.7													2.1
TOTAL	2.49.4		2.49.4		1.4		.0	.8	.0	.0	.0	.0	.0	.0	28.7
															5.100
															3.8

CEILING-VISIBILITY

WIND GRAPH

TYS KNOXVILLE, TN

CLASS 5 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: TYS KNOXVILLE, TN

PERIOD: 1948-1978

CLASS 5 / NIGHT

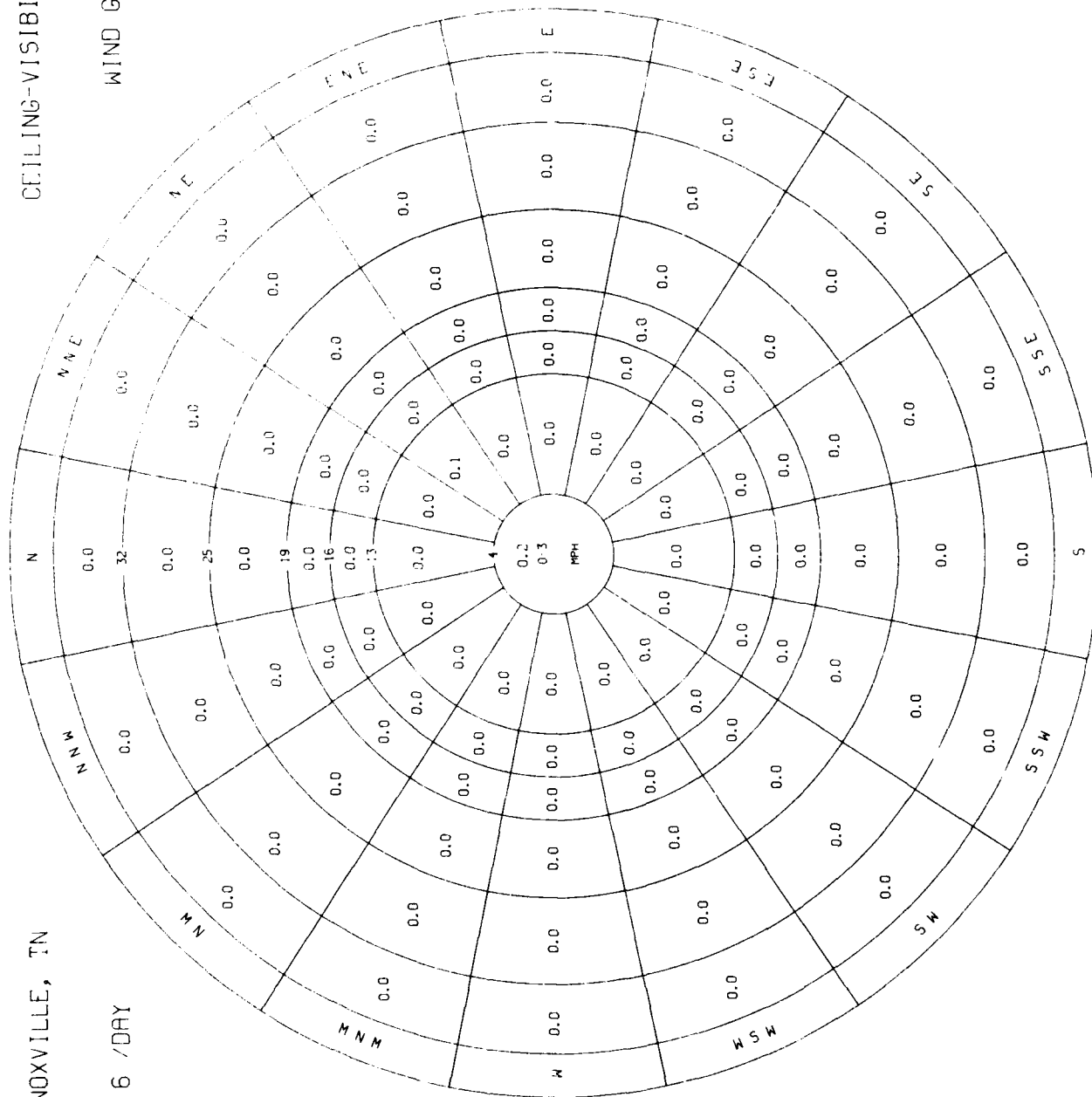
STATION NUMBER: 13891

NO. OBS.: 284

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	1.4	.0	3.2	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNE	.0	2.5	.0	2.8	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
NE	.0	4.2	.0	6.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ENE	.0	3.5	.1	7.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
E	.0	1.8	.0	3.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
ESE	.0	1.4	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	1.1	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSE	.0	.7	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	1.4	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSW	.0	.7	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	.0	2.1	.0	.7	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
WSW	.0	1.1	.0	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	.0	.7	.0	3.2	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
WNW	.0	1.4	.0	.4	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	.7	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNW	.0	.4	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.2	32.7													.2
TOTAL	.4	57.7	.3	39.8	.0	1.8	.0	.0	.0	.4	.0	.4	.0	.0	.7
															100
															3.6

CEILING-VISIBILITY

WIND GRAPH



TYS KNOXVILLE, TN

CLASS 6 /DAY

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: TIS KNOXVILLE, TN

PERIOD: 1948-1978

CLASS 6 / DAY

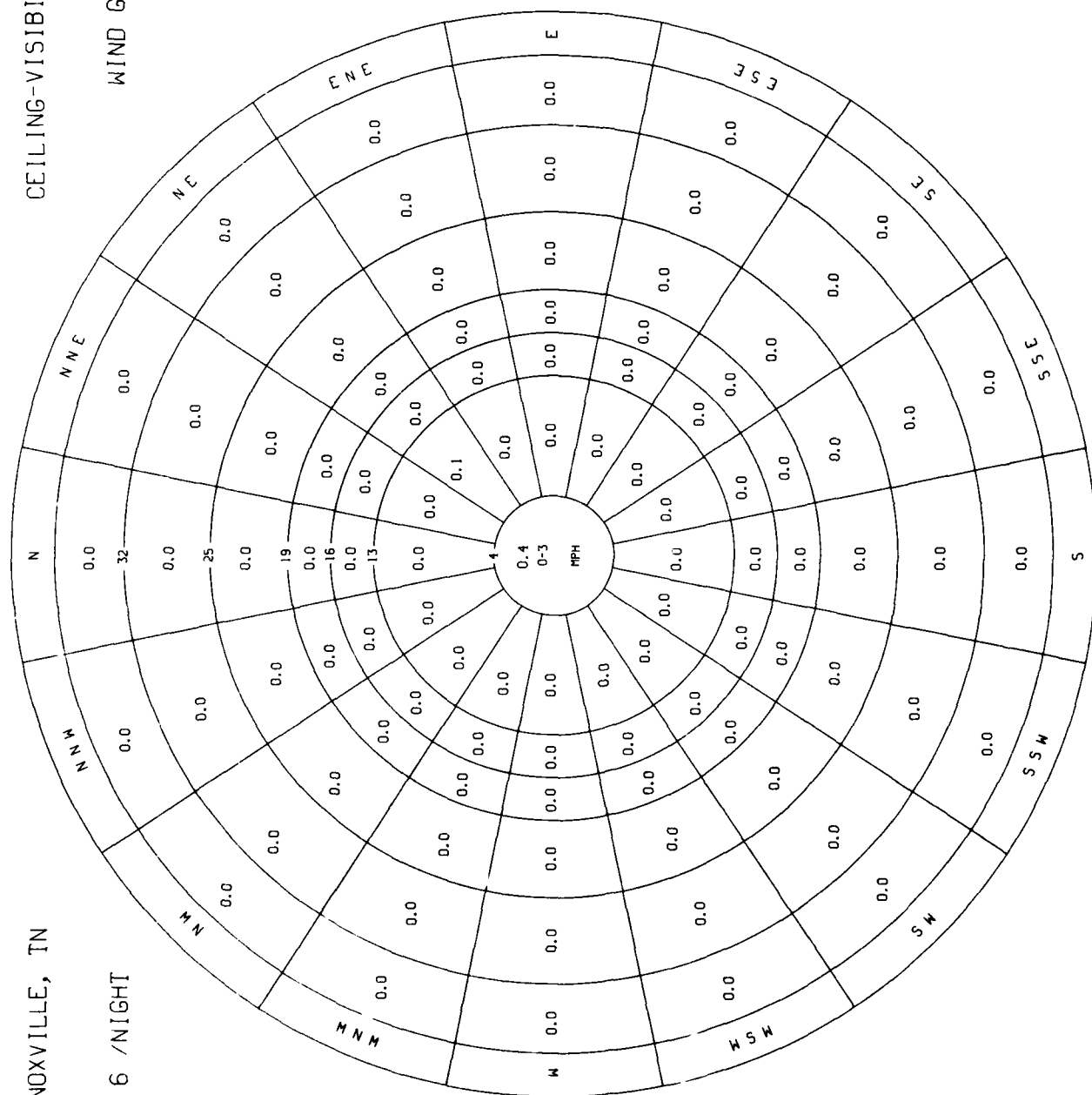
STATION NUMBER: 13991

NO. OBS.: 201

C I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	2.0	.0	3.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 5.5
NNE	.0	1.5	.0	6.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 8.0
NE	.0	4.5	.1	13.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 17.9
ENE	.0	4.0	.0	10.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 13.9
E	.0	3.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 4.0
ESE	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .5
SSE	.0	1.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.0
S	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .5
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .5
SW	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .0
WSW	.0	.5	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.5
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.0
WNW	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.0
NW	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .5
NNW	.0	.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.0
CALM	.2	39.8													.2 39.8
TOTAL	.2	59.2	.2	40.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4 100

CEILING-VISIBILITY

WIND GRAPH



TYS KNOXVILLE, TN

CLASS 6 /NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: TYS KNOXVILLE, TN

PERIOD: 1948-1978

CLASS 6 / NIGHT

STATION NUMBER: 13891

NO. OBS.: 260

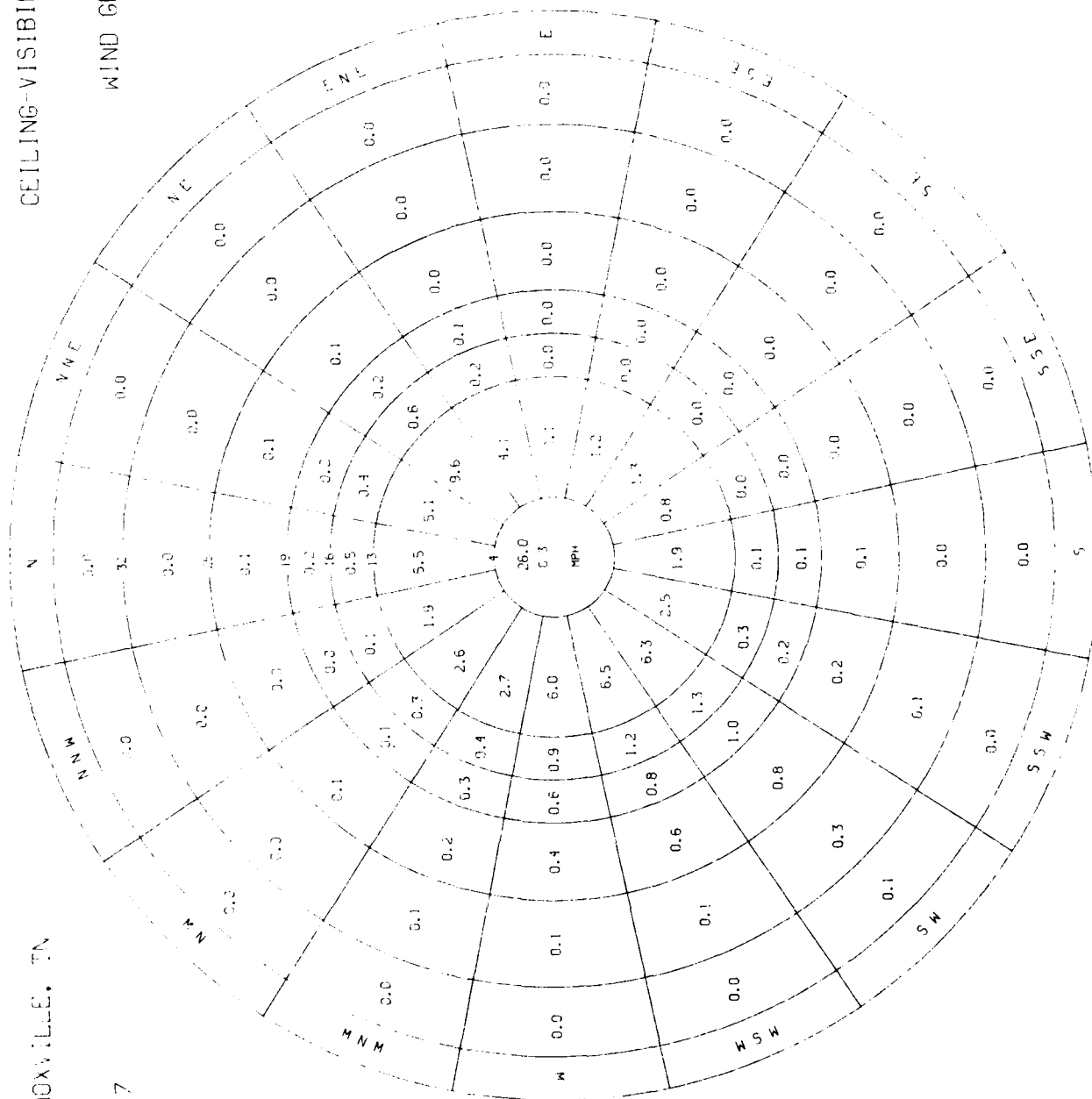
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D
N	.0	2.7	.0	3.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.2	4.8
NNE	.0	1.9	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	4.0
NE	.0	6.2	.1	10.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	16.2	4.7
ENE	.0	3.8	.0	4.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	8.1	4.0
E	.0	3.1	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	3.6
ESE	.0	.8	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	5.0
SE	.0	2.3	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	3.1
SSE	.0	1.2	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	3.2
S	.0	2.3	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	5.2
SSW	.0	.4	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	5.0
SW	.0	1.2	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	6.0
WSW	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	4.8
W	.0	.4	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	5.6
WNW	.0	.8	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	4.3
NW	.0	.4	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	3.9
NNW	.0	1.5	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	36.9	
CALM	.2	36.9																
TOTAL	.4	65.8	.2	34.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	36.9	2.8

CEILING-VISIBILITY

WIND GRAPH

TYS KNOXVILLE, TN

CLASS 7

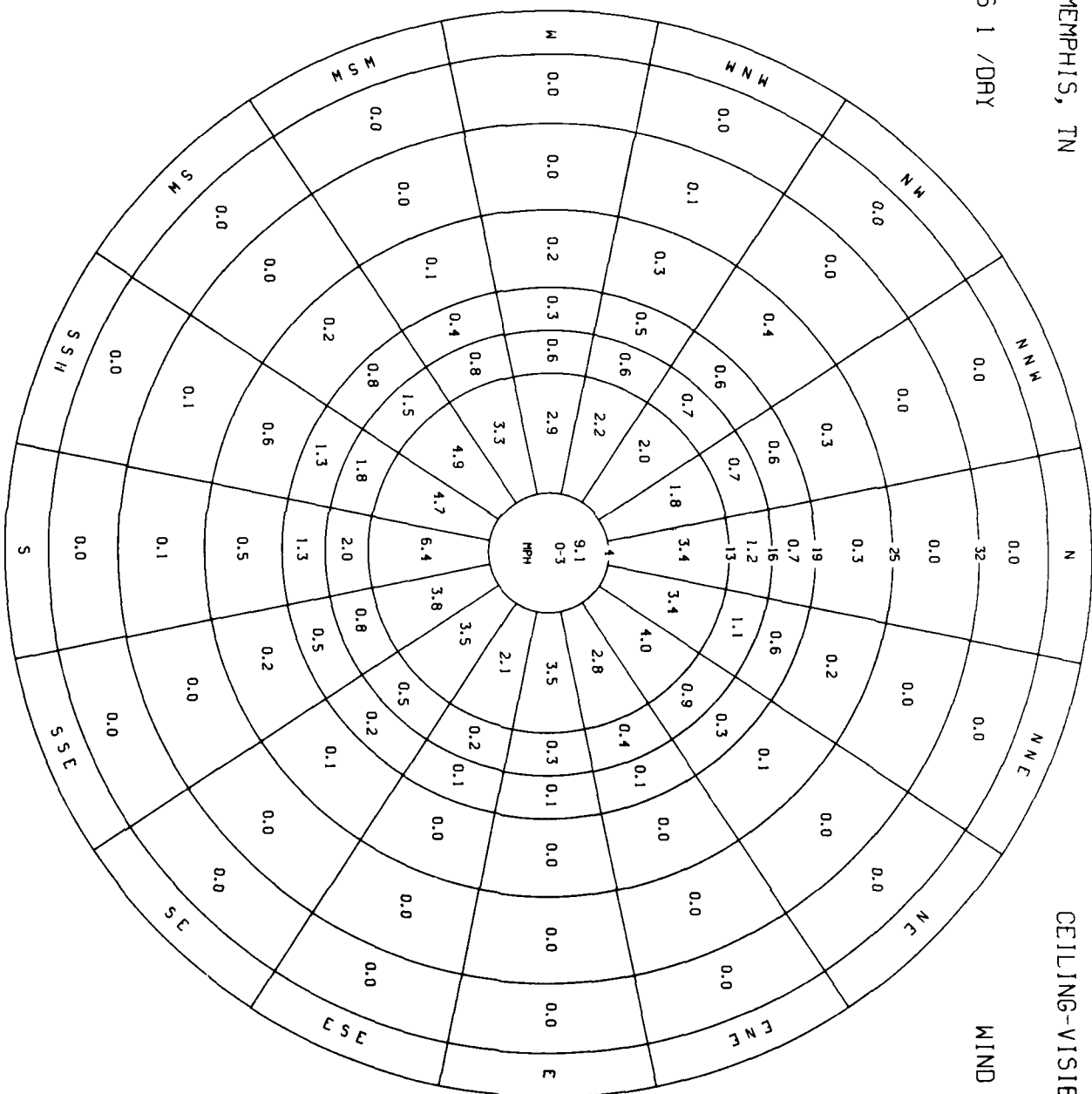


MEM MEMPHIS, TN

CLASS 1 / DRY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: MEM MEMPHIS, TN

PERIOD: 1948-1978

CLASS 1 / DAY

STATION NUMBER: 13893

NO. OBS.: 44282

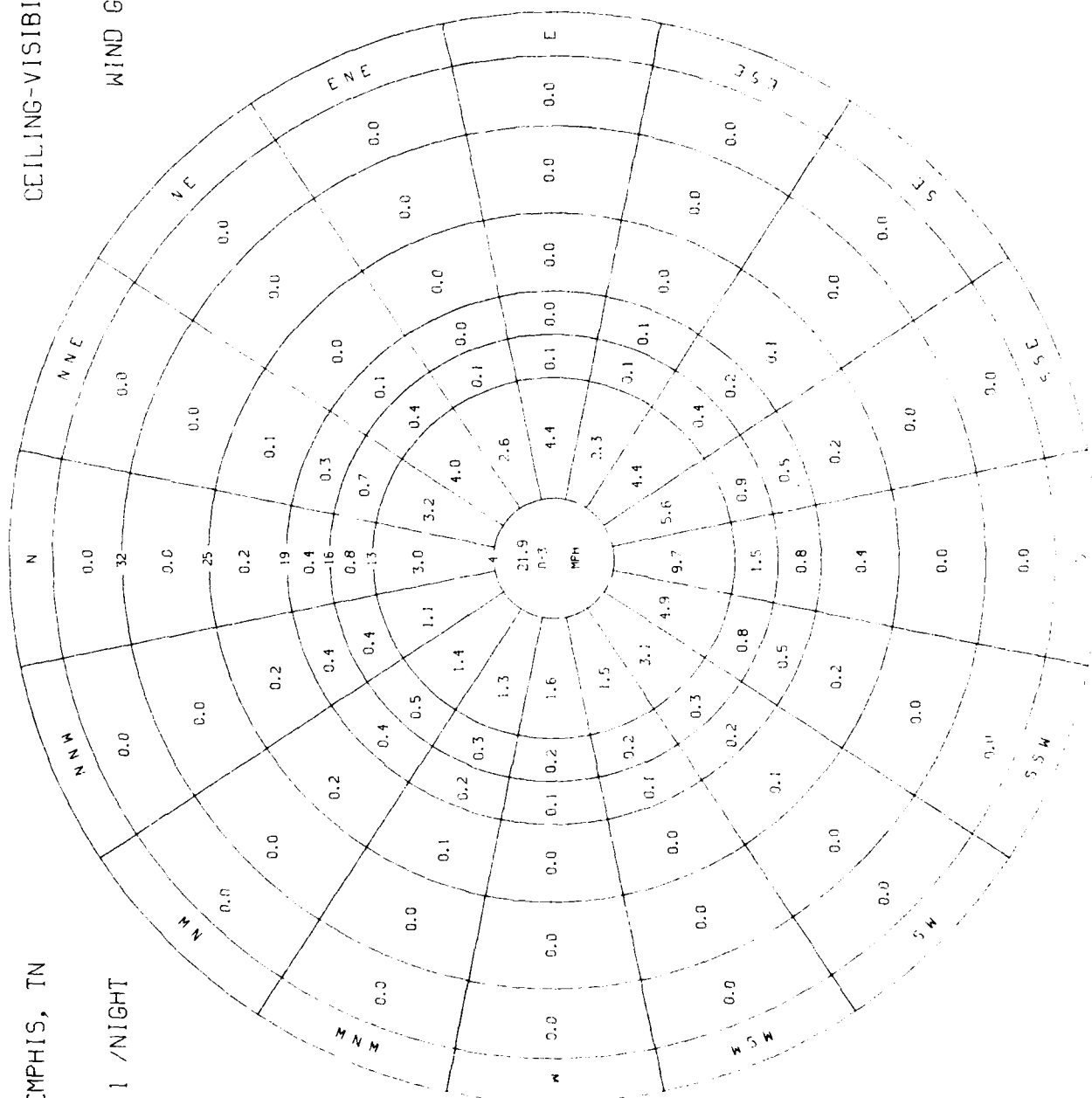
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C
N	.3	.3	3.4	3.8	1.2	1.4	.7	.8	.3	.3	.0	.0	.0	.0	6.0	6.6	11.2
NNE	.2	.2	3.4	3.7	1.1	1.2	.6	.6	.2	.2	.0	.0	.0	.0	5.4	6.0	10.9
NE	.5	.6	4.0	4.4	.9	1.0	.3	.3	.1	.1	.0	.0	.0	.0	5.8	6.4	9.3
ENE	.4	.5	2.8	3.1	.4	.4	.1	.1	.0	.0	.0	.0	.0	.0	3.7	4.1	8.2
E	.8	.9	3.5	3.8	.3	.4	.1	.1	.0	.0	.0	.0	.0	.0	4.7	5.2	7.4
ESE	.4	.4	2.1	2.3	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	2.8	3.1	7.9
SE	.6	.7	3.5	3.9	.5	.6	.2	.2	.1	.1	.0	.0	.0	.0	5.0	5.5	8.6
SSE	.4	.4	3.8	4.2	.8	.9	.5	.6	.2	.3	.0	.0	.0	.0	5.8	6.4	10.2
S	.6	.6	6.4	7.1	2.0	2.2	1.3	1.4	.5	.6	.1	.1	.0	.0	10.9	12.1	11.0
SSW	.3	.4	4.7	5.2	1.8	2.0	1.3	1.4	.6	.7	.1	.2	.0	.0	8.8	9.8	12.0
SW	.5	.6	4.9	5.4	1.5	1.6	.8	.9	.2	.3	.0	.0	.0	.0	8.0	8.8	10.5
WSW	.3	.4	3.3	3.6	.8	.9	.4	.4	.1	.1	.0	.0	.0	.0	5.0	5.5	10.0
W	.4	.5	2.9	3.2	.6	.7	.3	.4	.2	.2	.0	.0	.0	.0	4.4	4.9	9.6
WNW	.2	.3	2.2	2.4	.6	.7	.5	.5	.3	.3	.1	.1	.0	.0	3.9	4.3	11.4
NW	.2	.2	2.0	2.2	.7	.8	.6	.7	.4	.4	.0	.0	.0	.0	4.0	4.4	12.0
NNW	.2	.2	1.8	2.0	.7	.8	.6	.6	.3	.3	.0	.0	.0	.0	3.5	3.9	12.0
CALM	2.6	2.9													2.6	2.9	
TOTAL	9.1	10.1	54.6	60.5	14.2	15.7	8.3	9.3	3.5	3.8	.5	.6	.0	.0	90.2	100	10.0

CEILING-VISIBILITY

WIND GRAPH

MEM MEMPHIS, TN

CLASS 1 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: MEM MEMPHIS, TN

PERIOD: 1948-1978

CLASS 1 / NIGHT

STATION NUMBER: 13893

NO. OBS.: 37421

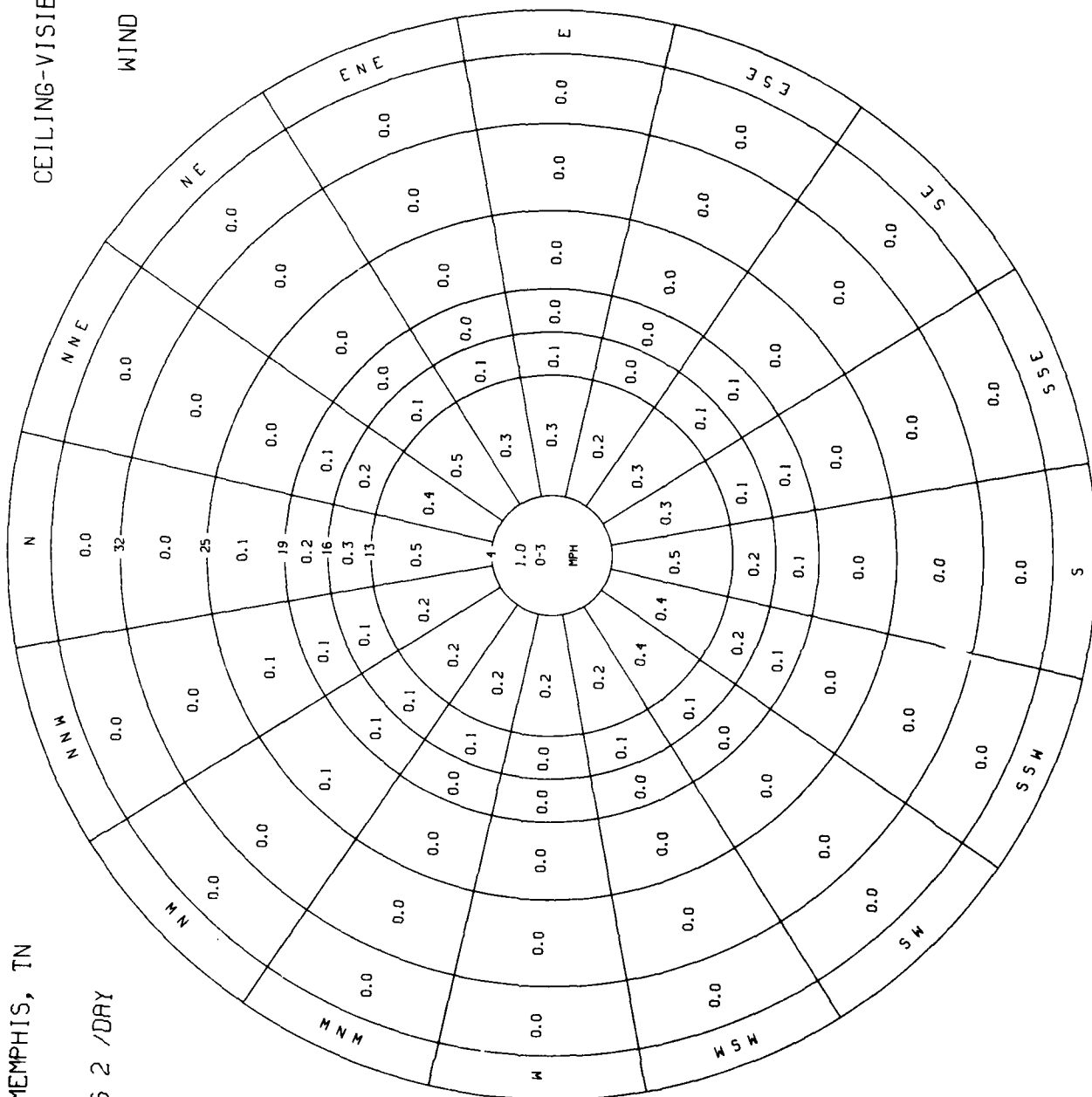
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.5	.6	3.0	3.3	.8	.8	.4	.5	.2	.2	.0	.0	.0	.0	4.9	5.5	10.0
NNE	.5	.5	3.2	3.6	.7	.8	.3	.3	.1	.1	.0	.0	.0	.0	4.8	5.3	9.3
NNE	.2	1.4	4.0	4.4	.4	.5	.1	.1	.0	.0	.0	.0	.0	.0	5.8	6.4	7.4
ENE	.9	1.0	2.6	2.9	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	3.7	4.1	6.4
E	2.3	2.5	4.4	4.9	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	6.9	7.6	5.5
ESE	.9	.9	2.3	2.5	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	3.3	3.6	6.3
SE	1.5	1.6	4.4	4.9	.4	.5	.2	.2	.1	.1	.0	.0	.0	.0	6.5	7.2	7.2
SSE	.9	1.0	5.6	6.2	.9	.9	.5	.5	.2	.2	.0	.0	.0	.0	8.0	8.9	8.9
S	1.3	1.5	9.7	10.8	1.5	1.7	.8	.9	.4	.4	.0	.1	.0	.0	13.8	15.3	9.2
SSW	.5	.6	4.9	5.5	.8	.9	.5	.5	.2	.2	.0	.0	.0	.0	7.0	7.8	9.6
SW	.3	1.0	3.1	3.5	.3	.4	.2	.2	.1	.1	.0	.0	.0	.0	4.7	5.2	7.6
WSW	.4	.5	1.5	1.7	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	2.3	2.5	7.7
W	.6	.7	1.6	1.8	.2	.2	.1	.1	.0	.1	.0	.0	.0	.0	2.7	3.0	7.5
WNW	.3	.4	1.3	1.5	.3	.3	.2	.2	.1	.1	.0	.0	.0	.0	2.3	2.5	9.7
NW	.4	.4	1.4	1.5	.5	.5	.4	.4	.2	.2	.0	.0	.0	.0	2.9	3.2	10.8
NNW	.2	.2	1.1	1.3	.4	.4	.4	.4	.2	.2	.0	.0	.0	.0	2.3	2.6	11.7
CALM	2.4	4.3													8.4	9.3	
TOTAL	21.3	24.3	54.2	60.1	7.7	8.5	4.3	4.7	1.8	2.0	.3	.4	.0	.0	90.2	100	7.6

MEM MEMPHIS, TN

CLASS 2 / DRY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: MEM MEMPHIS, TN

PERIOD: 1948-1978

CLASS 2 / DAY

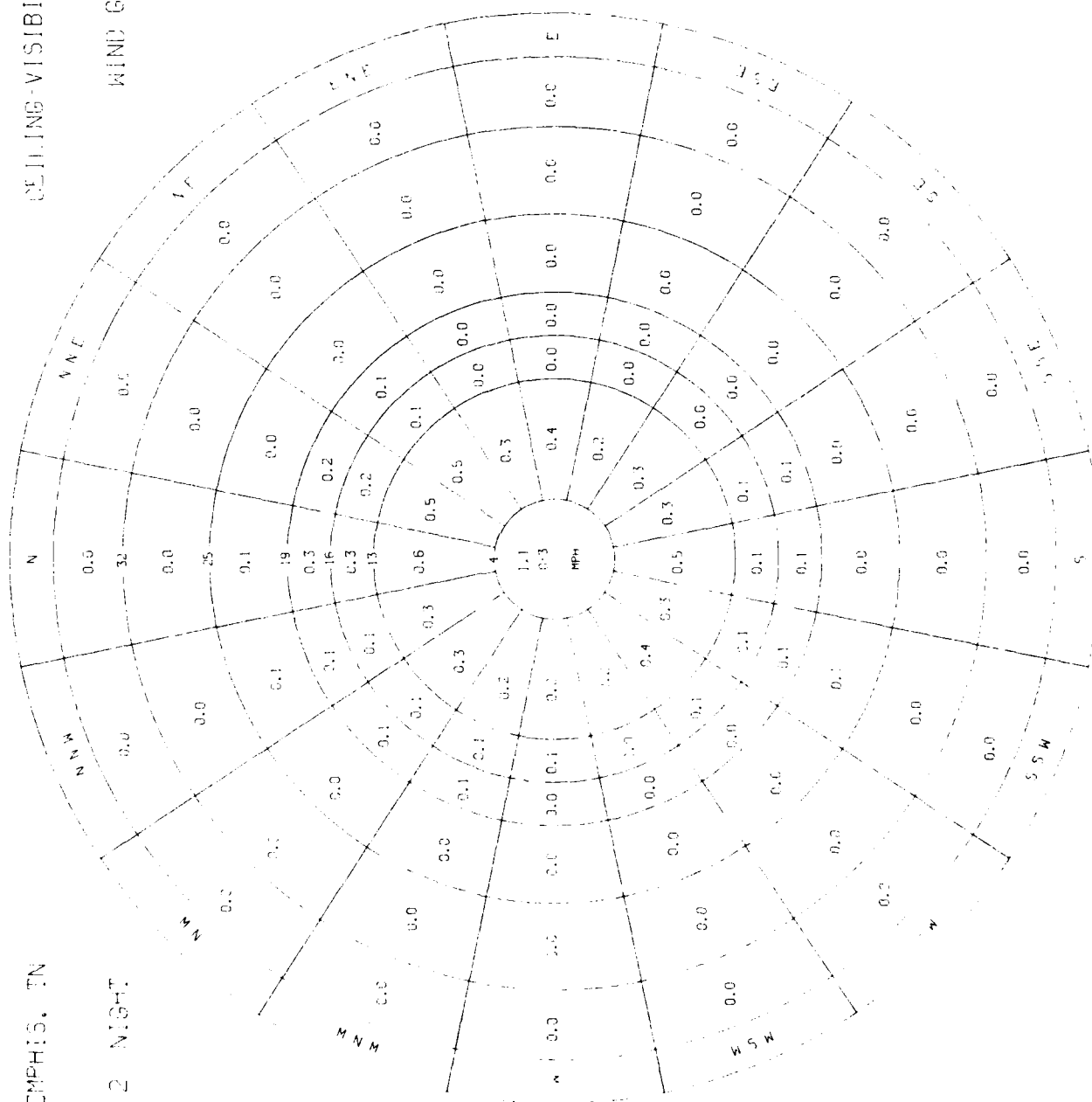
STATION NUMBER: 13893

NO. OBS.: 4785

D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+ .		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	.1	.5	.5	5.3	.3	2.6	.2	1.7	.1	.9	.0	.1	.0	.0	1.1	11.2	12.5
NNE	.0	.3	.4	4.5	.2	1.8	.1	1.0	.0	.4	.0	.1	.0	.0	.8	8.0	11.7
NE	.1	.5	.5	4.7	.1	1.4	.0	.3	.0	.1	.0	.0	.0	.0	.7	7.1	9.8
ENE	.0	.3	.3	3.3	.1	.8	.0	.2	.0	.0	.0	.0	.0	.0	.5	4.6	9.3
E	.1	.8	.3	3.4	.1	.5	.0	.2	.0	.1	.0	.0	.0	.0	.5	5.0	8.3
ESE	.0	.2	.2	2.2	.0	.5	.0	.2	.0	.0	.0	.0	.0	.0	.3	3.1	9.3
SE	.0	.5	.3	3.0	.1	1.1	.1	.5	.0	.1	.0	.0	.0	.0	.5	5.2	10.2
SSE	.0	.5	.3	3.0	.1	.9	.1	.8	.0	.4	.0	.0	.0	.0	.5	5.6	11.1
S	.1	.7	.5	5.5	.2	1.6	.1	1.4	.0	.3	.0	.1	.0	.0	.9	9.6	11.1
SSW	.0	.2	.4	3.9	.2	1.8	.1	1.3	.0	.4	.0	.0	.0	.0	.7	7.6	12.1
SW	.1	.6	.4	4.2	.1	1.2	.0	.5	.0	.1	.0	.1	.0	.0	.6	6.6	10.1
WSW	.0	.2	.2	2.1	.1	.6	.0	.4	.0	.1	.0	.1	.0	.0	.3	3.5	11.0
W	.0	.4	.2	2.4	.0	.4	.0	.4	.0	.0	.0	.0	.0	.0	.4	3.8	9.4
WNW	.0	.3	.2	2.5	.1	.6	.0	.5	.0	.2	.0	.1	.0	.0	.4	4.3	11.2
NW	.0	.3	.2	2.5	.1	1.2	.1	.8	.1	.6	.0	.1	.0	.0	.5	5.5	12.3
NNW	.0	.3	.2	2.4	.1	1.4	.1	1.2	.1	.6	.0	.1	.0	.0	.6	6.0	13.2
CALM	.3	3.4													.3	3.4	
TOTAL	1.0	9.9	5.4	54.9	1.8	18.4	1.1	11.3	.4	4.5	.1	.8	.0	.1	9.8	100	10.7

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: NEW MEMPHIS, TN

PERIOD: 1948-1978

CLASS 2 / NIGHT

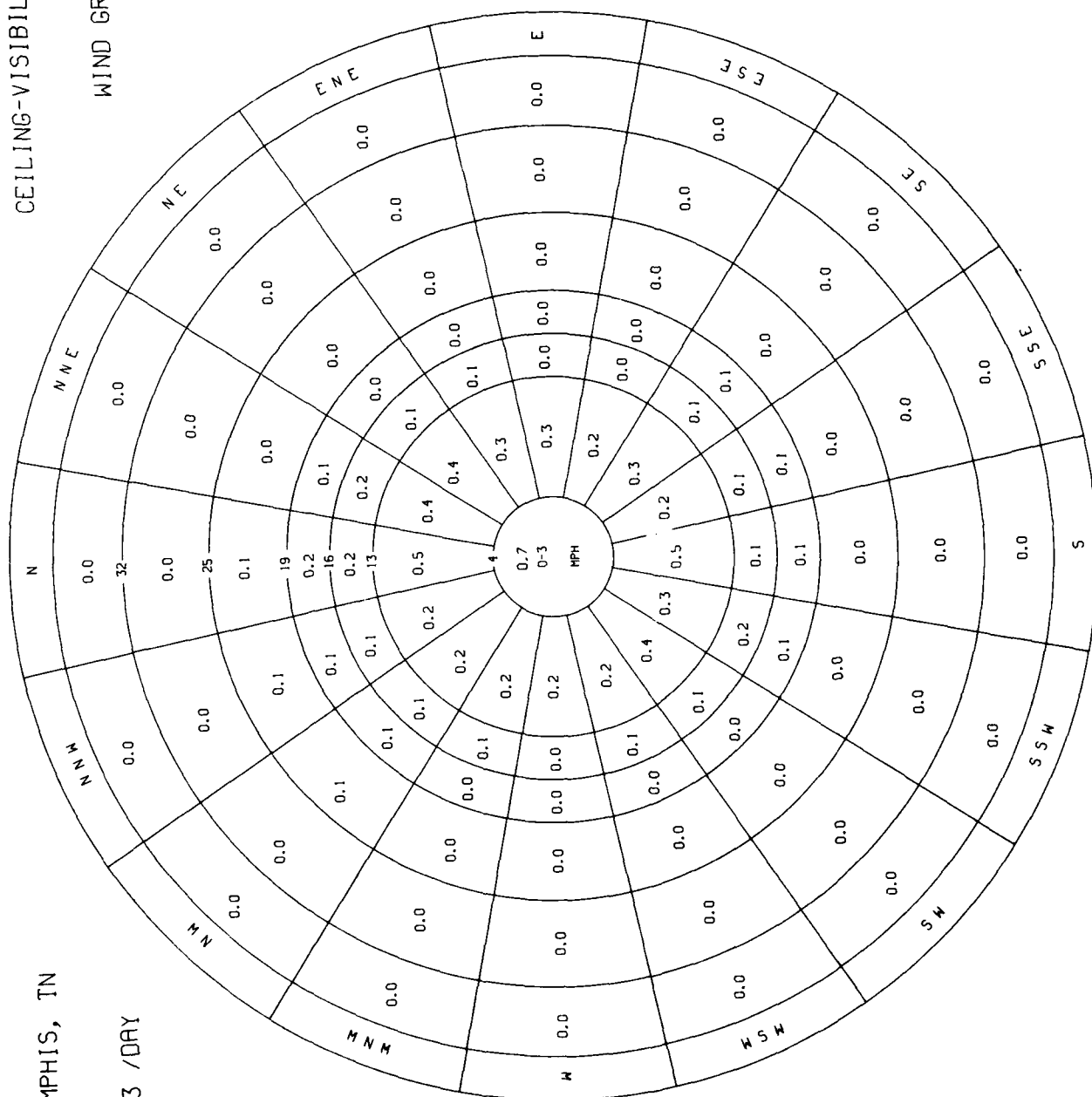
STATION NUMBER: 13893

NO. OBS.: 4083

D Y R	SPEED GROUPS (MPH)																	AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL			
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D		
N	.0	.4	.6	6.5	.3	3.4	.3	2.6	.1	1.5	.0	.2	.0	.0	1.4	14.6	12.9	
NNE	.0	.2	.5	4.7	.2	2.3	.2	1.6	.0	.4	.0	.0	.0	.0	.9	9.3	11.9	
NE	.1	.5	.5	4.9	.1	.9	.1	.6	.0	.2	.0	.0	.0	.0	.7	7.0	9.9	
ENE	.0	.4	.3	3.4	.0	.5	.0	.1	.0	.0	.0	.0	.0	.0	.4	4.4	8.0	
E	.1	.9	.4	3.7	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.5	5.1	7.3	
ESE	.0	.3	.2	2.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.3	2.8	7.7	
SE	.0	.4	.3	2.6	.0	.5	.0	.2	.0	.3	.0	.0	.0	.0	.4	4.1	10.0	
SSE	.0	.4	.3	2.8	.1	1.1	.1	.7	.0	.4	.0	.1	.0	.0	.5	5.5	11.3	
S	.1	.5	.5	4.9	.1	1.3	.1	.7	.0	.3	.0	.0	.0	.0	.8	7.8	10.4	
SSW	.0	.5	.3	3.1	.1	1.0	.1	.8	.1	.5	.0	.0	.0	.0	.6	6.0	11.4	
SW	.1	.5	.4	3.6	.1	.6	.0	.4	.0	.3	.0	.0	.0	.0	.5	5.4	9.5	
WSW	.0	.3	.2	2.0	.0	.5	.0	.2	.0	.0	.0	.0	.0	.0	.3	3.1	9.2	
W	.1	.6	.2	2.3	.1	.6	.0	.4	.0	.3	.0	.0	.0	.0	.4	4.3	10.1	
WNW	.0	.3	.2	2.3	.1	.8	.1	.7	.0	.2	.0	.0	.0	.0	.4	4.4	11.2	
NW	.1	.6	.3	2.9	.1	1.1	.1	.9	.0	.5	.0	.1	.0	.0	.6	6.0	11.5	
NNW	.0	.2	.3	2.5	.1	1.2	.1	1.2	.1	1.1	.0	.1	.0	.0	.6	6.4	13.7	
CALM	.4	3.9													.4	3.9		
TOTAL	.1	1.0	5.4	54.6	1.6	16.2	1.1	11.2	.6	6.1	.1	.8	.0	.1	9.8	100	10.4	

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: MEM MEMPHIS, TN

PERIOD: 1948-1978

CLASS 3 / DAY

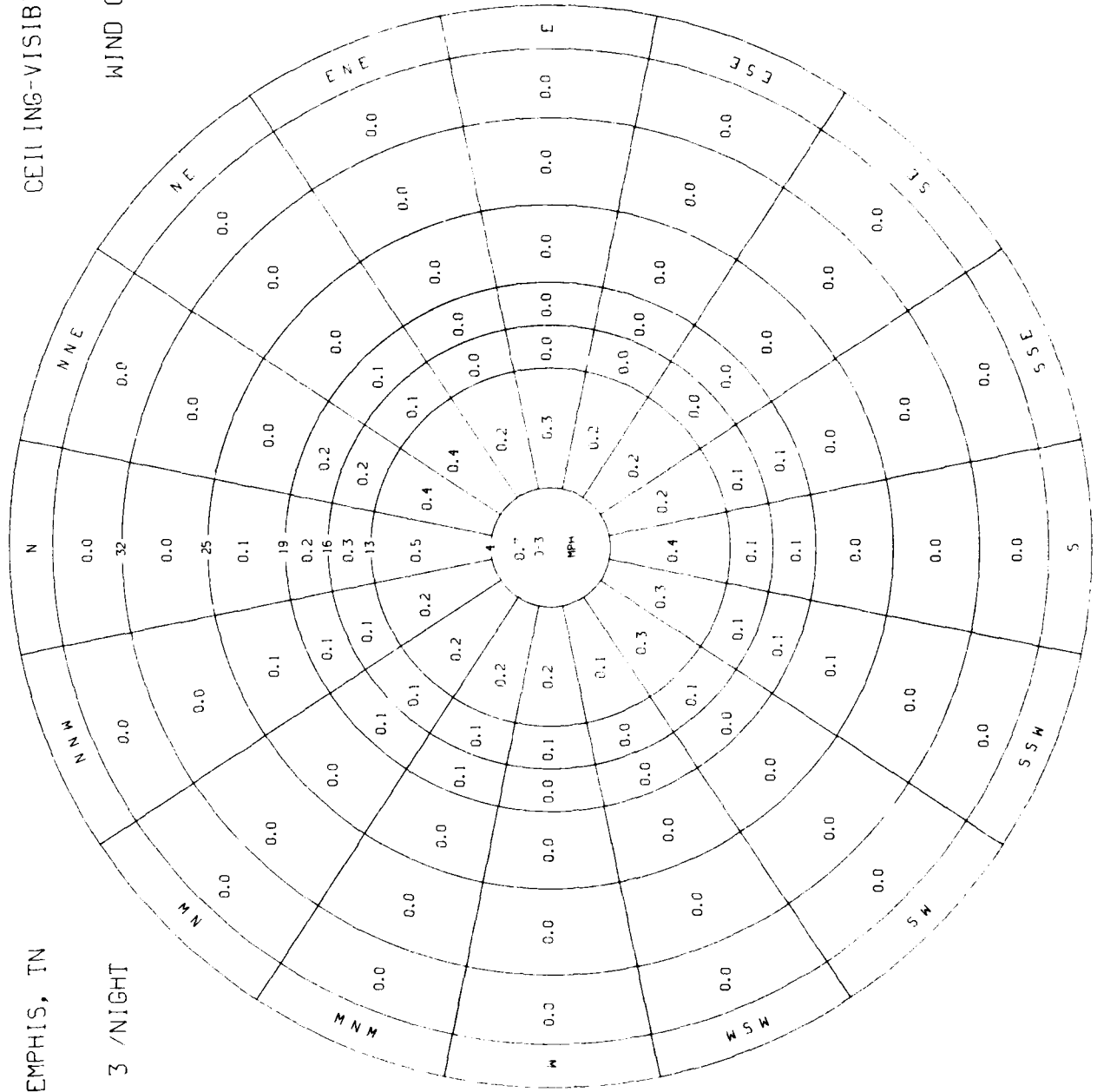
STATION NUMBER: 13893

NO. OBS.: 4248

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C
N	.0	.4	.5	5.3	.2	2.8	.2	1.8	.1	1.0	.0	.1	.0	.0	1.0	11.4	12.8
NNE	.0	.3	.4	4.4	.2	1.8	.1	1.0	.0	.4	.0	.1	.0	.0	.7	8.0	12.0
NE	.0	.4	.4	4.5	.1	1.5	.0	.3	.0	.1	.0	.0	.0	.0	.6	6.9	10.2
ENE	.0	.2	.3	3.1	.1	.3	.0	.2	.0	.0	.0	.0	.0	.0	.4	4.4	9.9
E	.0	.5	.3	3.3	.0	.6	.0	.2	.0	.1	.0	.0	.0	.0	.4	4.6	8.9
ESE	.0	.2	.2	2.2	.0	.5	.0	.2	.0	.0	.0	.0	.0	.0	.3	3.1	9.6
SE	.0	.4	.3	3.1	.1	1.2	.1	.6	.0	.2	.0	.0	.0	.0	.5	5.4	10.6
SSE	.0	.5	.2	2.8	.1	1.0	.1	.9	.0	.4	.0	.0	.0	.0	.5	5.6	11.6
S	.1	.6	.5	5.6	.1	1.7	.1	1.5	.0	.3	.0	.1	.0	.0	.9	9.8	11.4
SSW	.0	.2	.3	3.9	.2	2.0	.1	1.4	.0	.4	.0	.0	.0	.0	.7	7.9	12.3
SW	.0	.5	.4	4.3	.1	1.3	.0	.4	.0	.1	.0	.1	.0	.0	.6	6.6	10.3
WSW	.0	.2	.2	2.1	.1	.6	.0	.4	.0	.2	.0	.1	.0	.0	.3	3.5	11.3
W	.0	.4	.2	2.5	.0	.5	.0	.4	.0	.0	.0	.0	.0	.0	.3	3.8	9.5
WNW	.0	.2	.2	2.3	.1	.7	.0	.4	.0	.2	.0	.1	.0	.0	.4	4.0	11.5
NW	.0	.3	.2	2.4	.1	1.2	.1	.8	.1	.6	.0	.0	.0	.0	.5	5.4	12.4
NNW	.0	.3	.2	2.4	.1	1.4	.1	1.3	.1	.7	.0	.1	.0	.0	.5	6.2	13.4
CALM	.3	3.1													.3	3.1	
TOTAL	.7	8.5	4.7	54.1	1.7	19.7	1.0	12.1	.4	4.8	.1	.8	.0	.0	8.7	100	11.0

CELLING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: MEM MEMPHIS, TN

PERIOD: 1948-1978

CLASS 3 / NIGHT

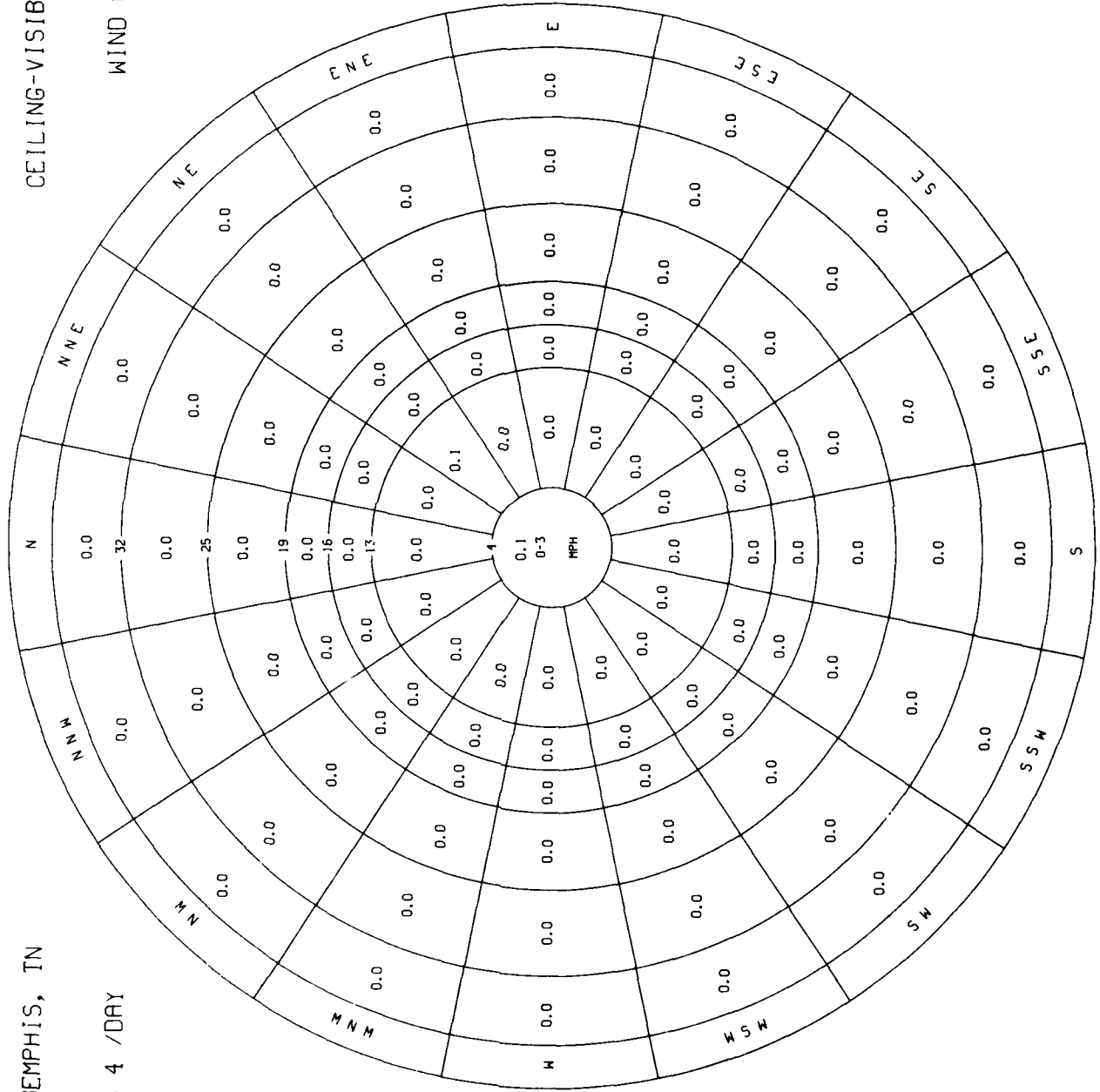
STATION NUMBER: 13893

NO. OBS.: 3389

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		
N	.0	.3	.5	6.2	.3	3.9	.2	3.0	.1	1.8	.0	.2	.0	.0	1.3 15.5	13.4
NNE	.0	.2	.4	4.8	.2	2.6	.2	1.9	.0	.4	.0	.0	.0	.0	.8 9.9	12.3
NE	.0	.4	.4	4.8	.1	1.0	.1	.7	.0	.2	.0	.0	.0	.0	.6 7.2	10.2
ENE	.0	.4	.2	2.9	.0	.6	.0	.1	.0	.0	.0	.0	.0	.0	.3 3.9	8.5
E	.1	.8	.3	3.4	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.4 4.7	7.6
ESE	.0	.3	.2	2.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2 2.6	8.0
SE	.0	.4	.2	2.8	.0	.6	.0	.3	.0	.3	.0	.1	.0	.0	.4 4.4	10.3
SSE	.0	.4	.2	2.9	.1	1.2	.1	.8	.0	.5	.0	.1	.0	.0	.5 5.9	11.8
S	.0	.4	.4	4.8	.1	1.4	.1	.8	.0	.4	.0	.1	.0	.0	.6 7.9	10.9
SSW	.0	.4	.3	3.2	.1	1.2	.1	.9	.1	.6	.0	.0	.0	.0	.5 6.3	12.0
SW	.0	.3	.3	3.2	.1	.6	.0	.4	.0	.3	.0	.0	.0	.0	.4 4.9	10.3
WSW	.0	.2	.1	1.8	.0	.6	.0	.2	.0	.1	.0	.0	.0	.0	.2 3.0	9.9
W	.0	.3	.2	2.2	.1	.6	.0	.4	.0	.3	.0	.0	.0	.0	.3 4.0	10.8
WNW	.0	.2	.2	1.9	.1	.9	.1	.8	.0	.3	.0	.1	.0	.0	.3 4.1	12.0
NW	.0	.4	.2	2.7	.1	1.3	.1	1.0	.0	.6	.0	.1	.0	.0	.5 6.1	12.2
NNW	.0	.2	.2	2.5	.1	1.4	.1	1.4	.1	1.2	.0	.1	.0	.0	.6 6.8	14.0
CALM	.2	2.8													.2 2.8	
TOTAL	.7	8.4	4.3	52.4	1.5	18.2	1.1	12.9	.6	7.1	.1	.9	.0	.1	8.2 100	11.1

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: MEM MEMPHIS, TN

PERIOD: 1948-1978

CLASS 4 / DAY

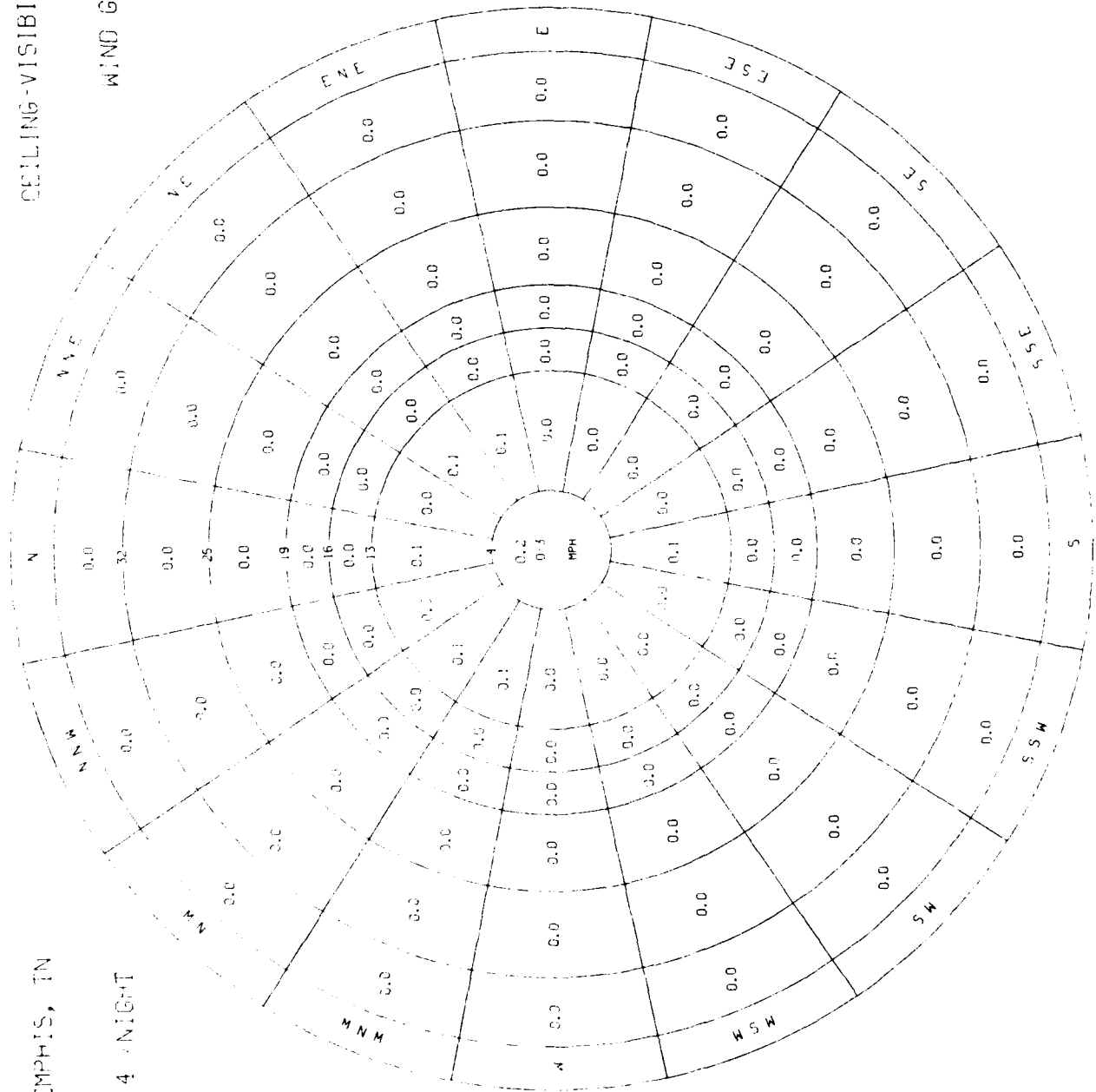
STATION NUMBER: 13893

NO. OBS.: 374

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C
N	.0	.8	.0	5.6	.0	1.9	.0	1.3	.0	.8	.0	.3	.0	.0	.1	10.7	11.6
NNE	.0	1.1	.0	6.1	.0	1.1	.0	.5	.0	.3	.0	.0	.0	.0	.1	9.1	9.3
NE	.0	.3	.1	7.2	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.1	8.3	8.1
ENE	.0	1.3	.0	4.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.3	6.4
E	.0	.8	.0	4.8	.0	.5	.0	.3	.0	.0	.0	.0	.0	.0	.0	6.4	7.4
ESE	.0	.0	.0	3.2	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	7.4
SE	.0	.8	.0	2.1	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2	6.2
SSE	.0	.5	.0	2.4	.0	.5	.0	.0	.0	.0	.0	.3	.0	.0	.0	3.7	9.1
S	.0	1.1	.0	4.5	.0	.8	.0	.3	.0	.3	.0	.0	.0	.0	.1	7.0	9.8
SSW	.0	.8	.0	4.5	.0	.5	.0	.5	.0	.3	.0	.0	.0	.0	.1	6.7	10.3
SW	.0	1.6	.0	2.9	.0	.5	.0	.8	.0	.3	.0	.0	.0	.0	.3	6.4	9.5
WSW	.0	.5	.0	2.9	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	4.0	8.3
W	.0	.8	.0	1.9	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	3.2	8.6
WNW	.0	.5	.0	4.8	.0	.0	.0	1.1	.0	.3	.0	.0	.0	.0	.1	6.7	9.8
NW	.0	.0	.0	4.3	.0	.8	.0	.8	.0	.5	.0	.3	.0	.0	.1	6.7	11.8
NNW	.0	.3	.0	2.9	.0	1.1	.0	.3	.0	.3	.0	.0	.0	.0	.0	4.8	10.8
CALM	.0	4.3													.0	4.3	
TOTAL	1	15.5	.5	64.4	1	9.4	.1	6.7	.0	2.9	.0	.8	.0	.3	.8	100	89

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: MEMPHIS, TN

PERIOD: 1948-1978

CLASS 4 / NIGHT

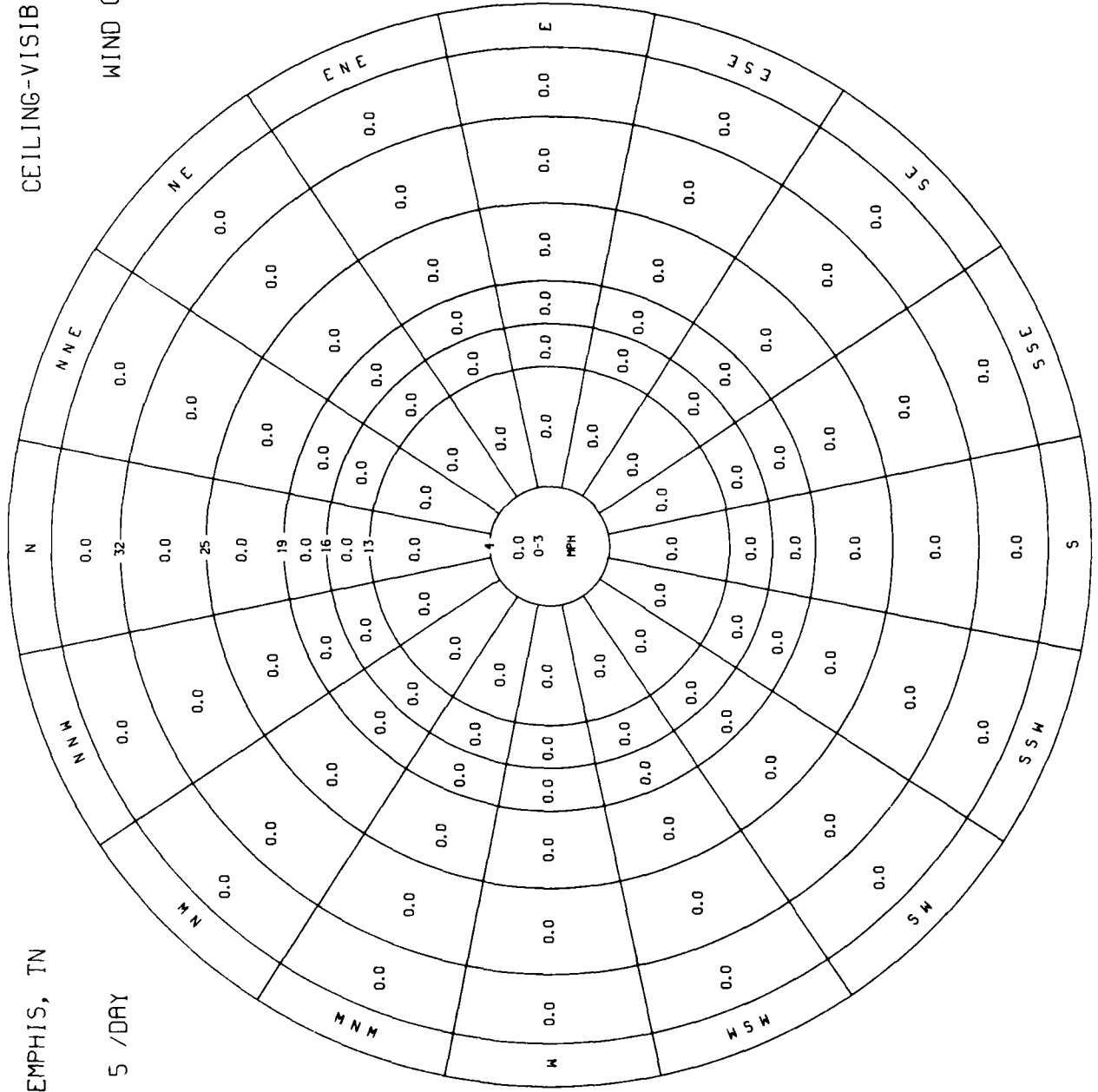
STATION NUMBER: 13493

NO. OBS.: 448

DIRECTION	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	1.3	.1	8.9	.0	1.1	.0	.7	.0	.4	.0	.2	.0	.0	.1 12.7
NNE	.0	.7	.0	4.5	.0	1.3	.0	.2	.0	.7	.0	.0	.0	.0	.1 7.4
NNE	.0	.3	.1	5.4	.0	.7	.0	.2	.0	.0	.0	.0	.0	.0	.1 7.6
ENE	.0	.2	.1	5.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 7.1
E	.0	.1	.0	4.5	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.1 5.6
ESE	.0	.0	.0	2.5	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.7
SE	.0	.9	.0	2.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.1
SSE	.0	.2	.0	1.8	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.5
S	.0	.7	.1	5.4	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.1 6.7
SSW	.0	.2	.0	2.7	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.3
SW	.0	1.6	.0	4.2	.0	.4	.0	.2	.0	.2	.0	.0	.0	.0	.1 6.7
WSW	.0	.3	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 4.2
W	.0	.3	.0	3.1	.0	.4	.0	.4	.0	.2	.0	.0	.0	.0	.1 6.0
WNW	.0	.7	.1	4.9	.0	1.1	.0	.2	.0	.0	.0	.0	.0	.0	.1 6.9
NW	.0	.2	.1	4.7	.0	.4	.0	.2	.0	.0	.0	.2	.0	.0	.1 6.5
NNW	.0	.2	.0	3.3	.0	.9	.0	.1	.0	.2	.0	.0	.0	.0	.1 5.8
CALM	.1	6.1													.1 5.1
TOTAL	.2 17.0		7 58.1		1 9.4		2 3.3		0 1.8		0 1.4		0 1.0		1.1 100
															8.0

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: MEM MEMPHIS, TN

PERIOD: 1948-1978

CLASS 5 / DAY

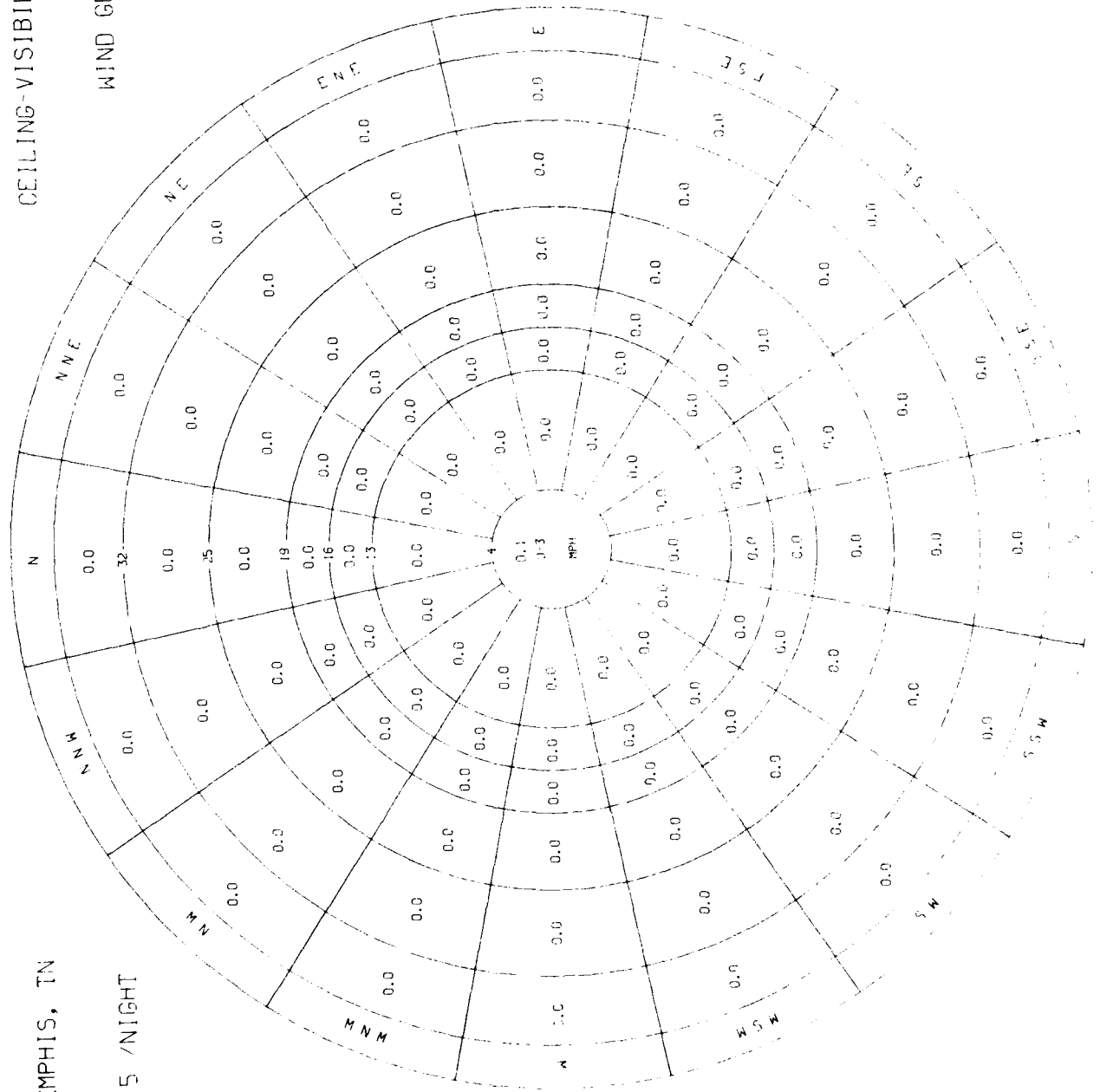
STATION NUMBER: 13893

NO. OBS.: 101

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	2.0	.0	4.0	.0	2.0	.0	1.0	.0	.0	.0	.0	.0	.0	8.9
NNE	.0	.0	.0	5.0	.0	1.0	.0	.0	.0	.0	1.0	.0	.0	.0	6.9
NE	.0	3.0	.0	6.9	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	10.9
ENE	.0	1.0	.0	5.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.9
E	.0	4.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.9
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5
SE	.0	5.0	.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSE	.0	.0	.0	9.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.9
S	.0	3.0	.0	5.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.9
SSW	.0	.0	.0	5.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.9
SW	.0	1.0	.0	5.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.9
W	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WNW	.0	.0	.0	4.0	.0	.0	.0	2.0	.0	.0	1.0	.0	.0	.0	3.0
NW	.0	1.0	.0	2.0	.0	2.0	.0	1.0	.0	.0	.0	.0	.0	.0	5.9
NNW	.0	.0	.0	3.0	.0	2.0	.0	1.0	.0	.0	.0	.0	.0	.0	5.9
CALM	.0	2.0													5.9
TOTAL	.0	21.8	.1	63.4	.0	6.9	.0	5.9	.0	.0	2.0	.0	.0	.0	2.0
															7.5

CEILING-VISIBILITY

WIND GRAPH



MEM MEMPHIS, TN

CLASS 5 / NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: MEM MEMPHIS, TN

PERIOD: 1948-1978

CLASS 5 / NIGHT

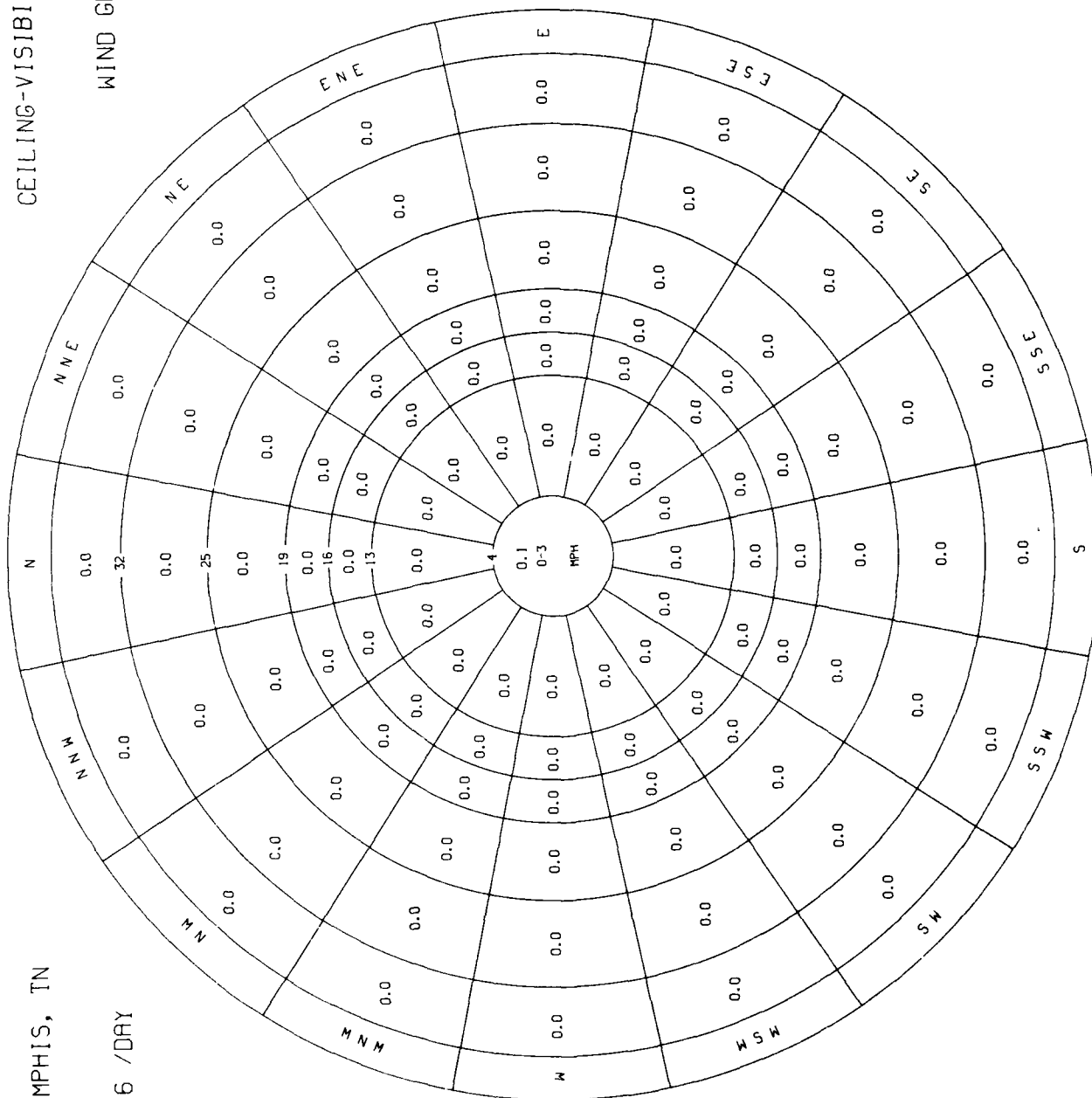
STATION NUMBER: 13893

NU. OBS.: 129

D IR	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.8	.0	5.4	.0	.8	.0	.8	.0	.0	.0	.0	.0	.0	.0 7.8
NNE	.0	.0	.0	5.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 5.4
N E	.0	.0	.0	3.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.9
ENE	.0	1.6	.0	6.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 7.8
E	.0	3.1	.0	5.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 8.5
ESE	.0	.8	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.9
SE	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .8
SSE	.0	.8	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.9
S	.0	.8	.0	8.5	.0	1.6	.0	.8	.0	.0	.0	.0	.0	.0	.0 11.6
SSW	.0	1.6	.0	4.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 6.2
SW	.0	.8	.0	10.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 11.6
WSW	.0	.0	.0	4.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 4.7
W	.0	3.1	.0	2.3	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0 6.2
WNW	.0	.0	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.3
NW	.0	2.3	.0	3.1	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0 6.2
NNW	.0	.0	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.9
TOTAL	.0	5.4	.0	20.9	.0	2.3	.0	3.1	.0	.8	.0	.0	.0	.0	.0 5.4
			.2	72.9											.3 100
															.3 100
															.3 100

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: MEM MEMPHIS, TN

PERIOD: 1948-1978

CLASS 6 / DAY

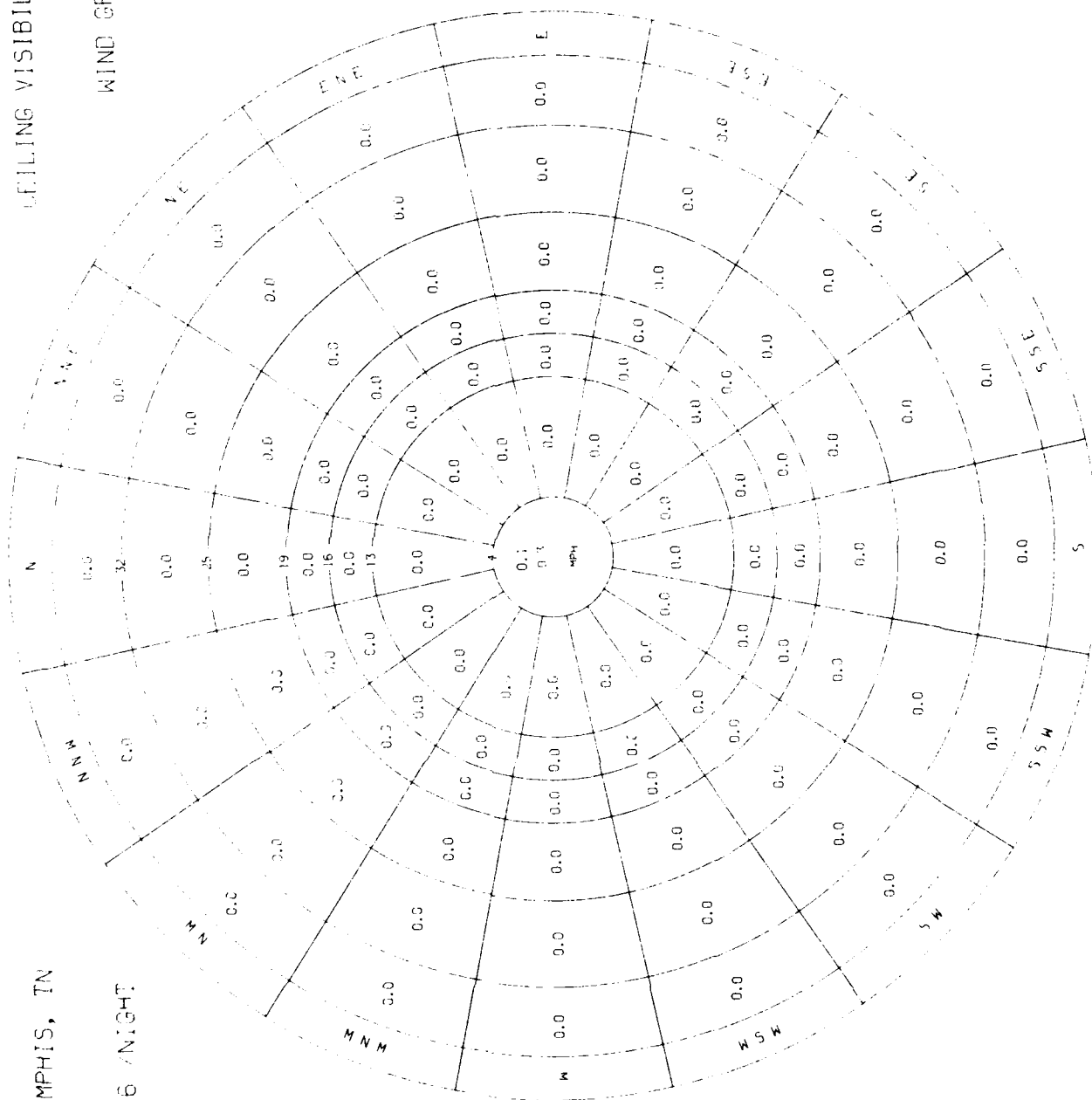
STATION NUMBER: 13893

NO. OBS.: 62

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2	2.5
NNE	.0	1.6	.0	.0	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2	8.0
NE	.0	4.8	.0	4.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.7	3.7
ENE	.0	3.2	.0	4.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.1	4.6
E	.0	14.5	.0	6.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	21.0	3.2
ESE	.0	1.6	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2	4.5
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSE	.0	.0	.0	6.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.5	6.7
S	.0	1.6	.0	6.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.1	7.0
SSW	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	2.0
SW	.0	1.6	.0	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	6.0
WSW	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	1.0
W	.0	1.6	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2	3.5
WNW	.0	.0	.0	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2	6.5
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	22.6													.0	22.6	
TOTAL	.1	59.7	.0	38.7	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.1	100	3.5

CEILING VISIBILITY

WIND GRAPH



MEM MEMPHIS, TN

CLASS B NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: MEM MEMPHIS, TN

PERIOD: 1948-1978

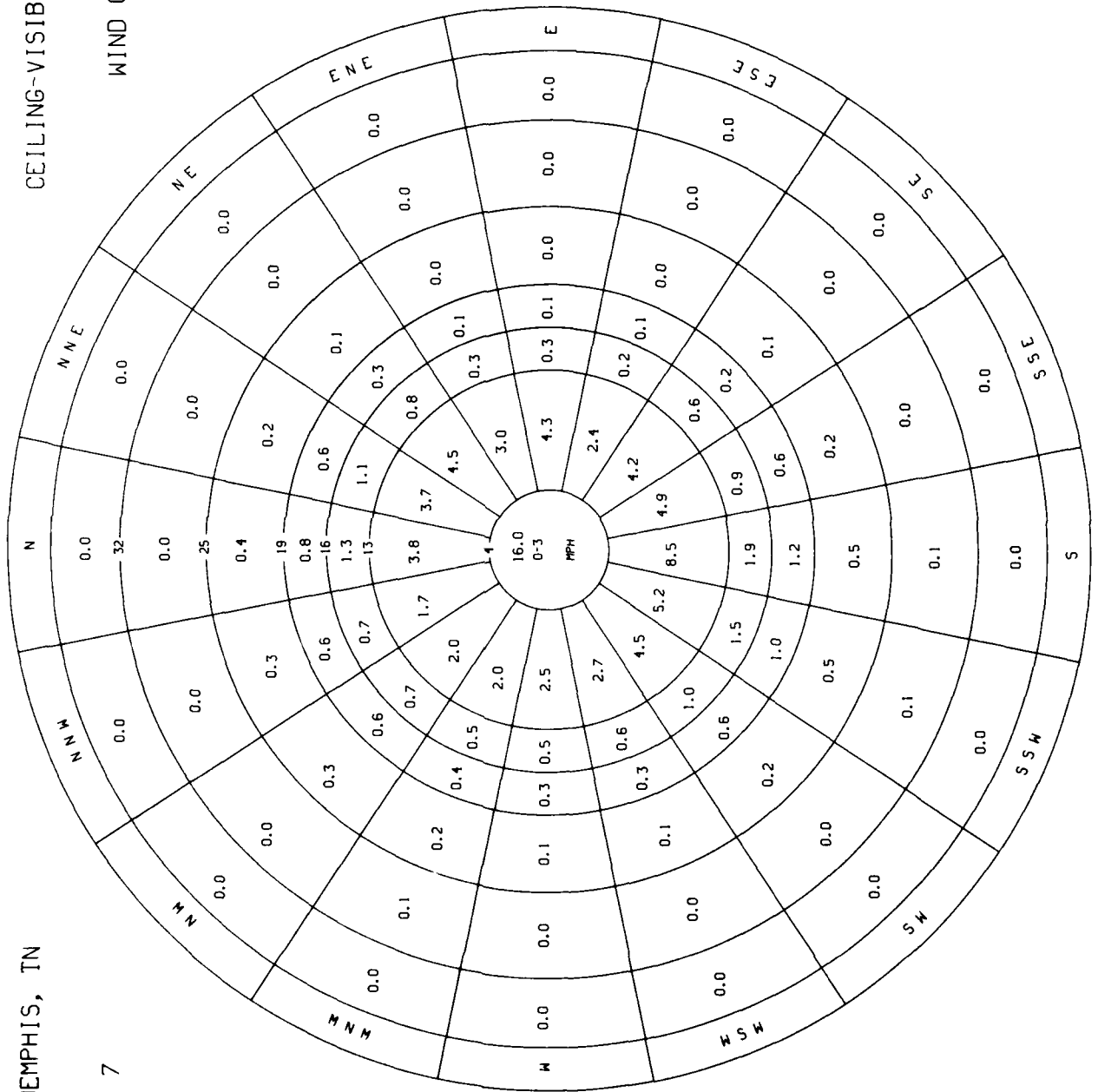
CLASS 6 / NIGHT

STATION NUMBER: 3493

NO. OBS.: 118

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C
N	.0	.0	.0	5.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.9	7.3
NNE	.0	.0	.0	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	7.5
NE	.0	.8	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	6.0
ENE	.0	1.7	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	6.2
E	.0	2.5	.0	8.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.0	5.4
ESE	.0	1.7	.0	4.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.9	5.3
SE	.0	.0	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	9.0
SSE	.0	3.4	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.9	4.7
S	.0	2.5	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.1	4.5
SSW	.0	4.2	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.8	4.0
SW	.0	2.5	.0	5.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.6	5.4
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	.0	2.5	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	5.2
WNW	.0	.0	.0	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	6.3
NW	.0	.8	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	6.7
NNW	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	.0	.0	.0	1.7	14.5
CALM	.1	28.0													.1	28.0	
TOTAL	.1	51.7	.1	47.5	.0	.0	.0	.0	.0	.0	.0	.8	.0	.0	.3	100	4.2

MEM MEMPHIS, TN
 CLASS 7

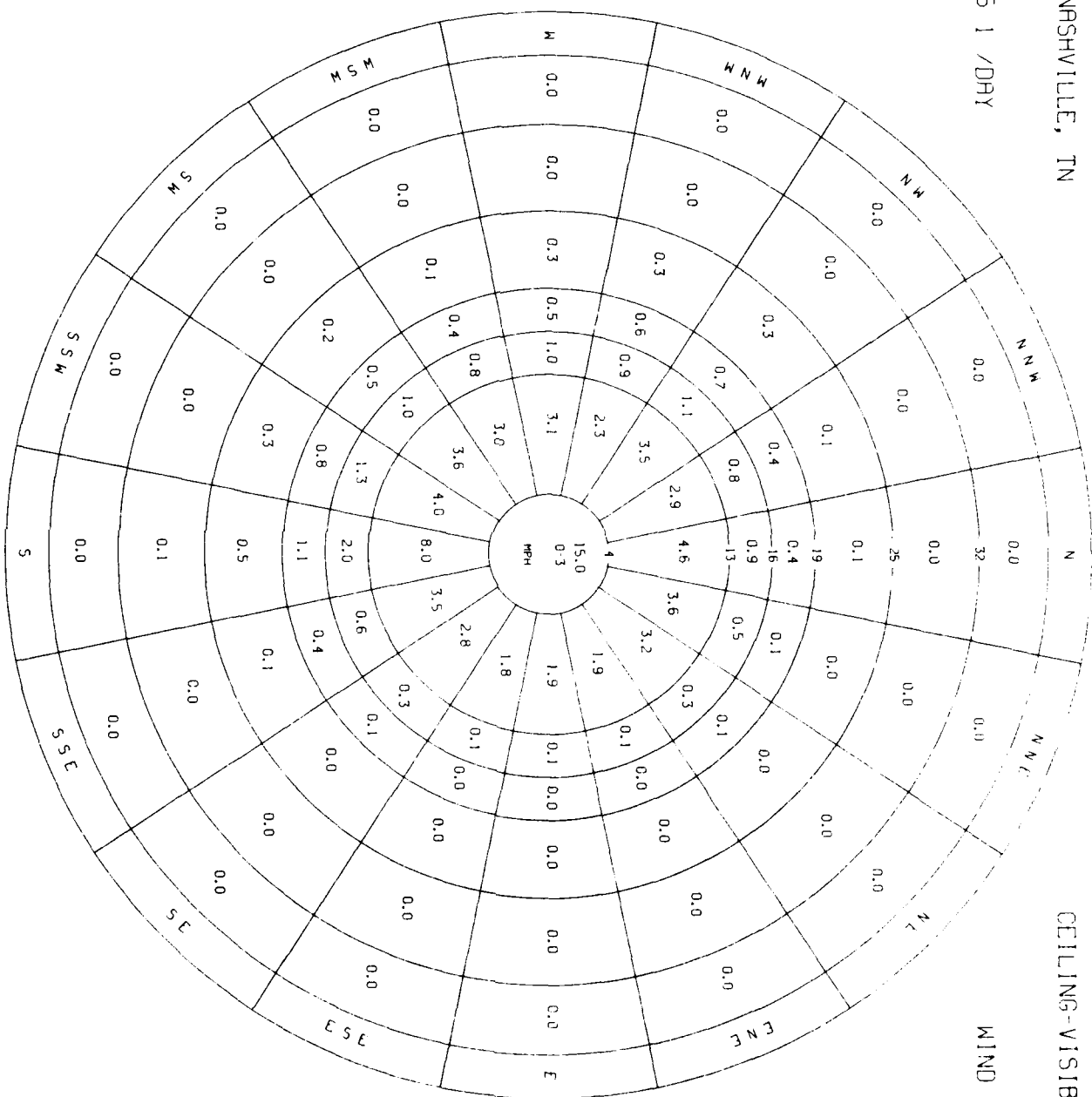


BNR NASHVILLE, TN

CLASS 1 / DRY

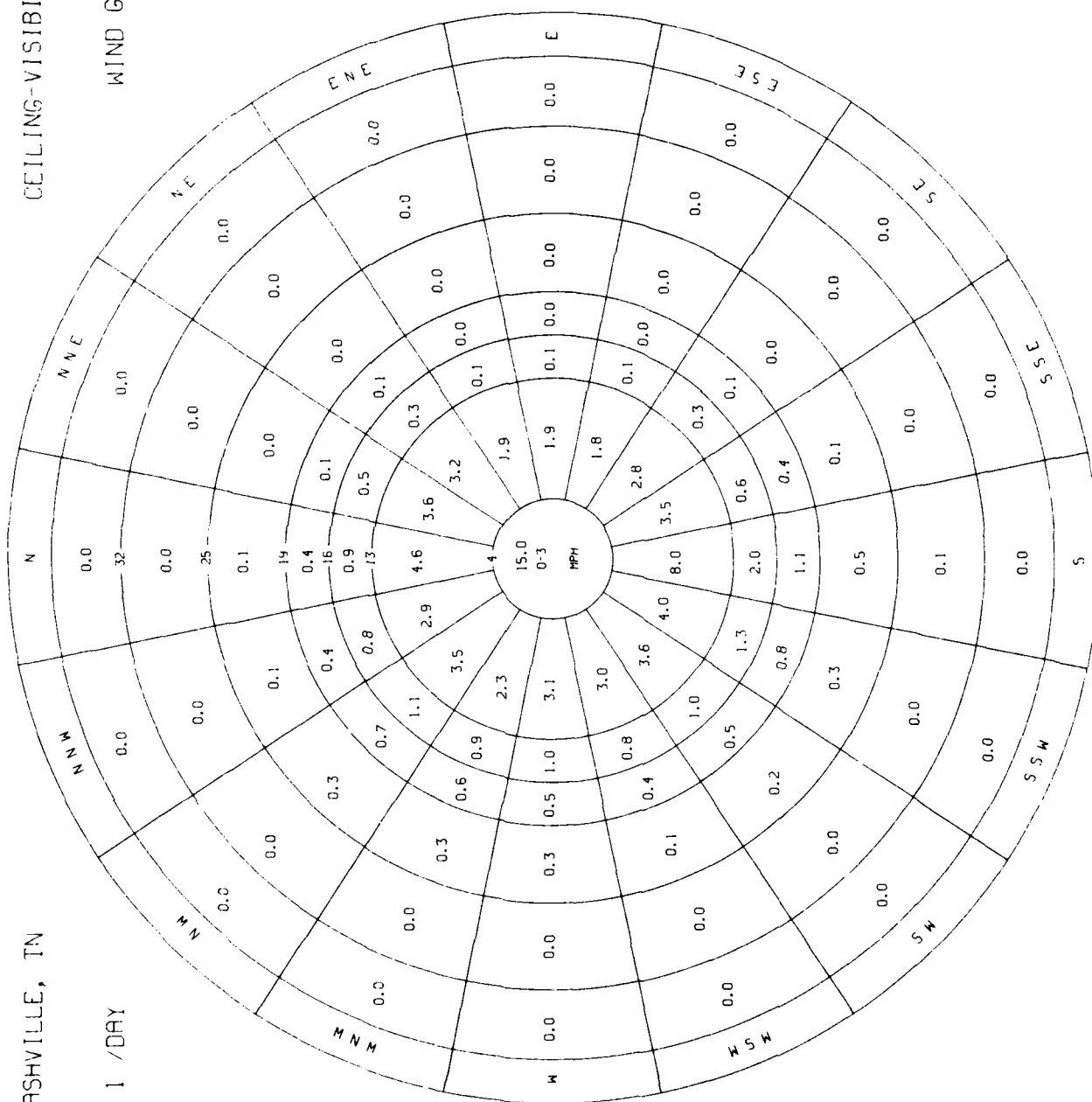
CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY

WIND GRAPH



BNA NASHVILLE, TN

CLASS 1 /DAY

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: BNA NASHVILLE, TN

PERIOD: 1948-1978

CLASS 1 / DAY

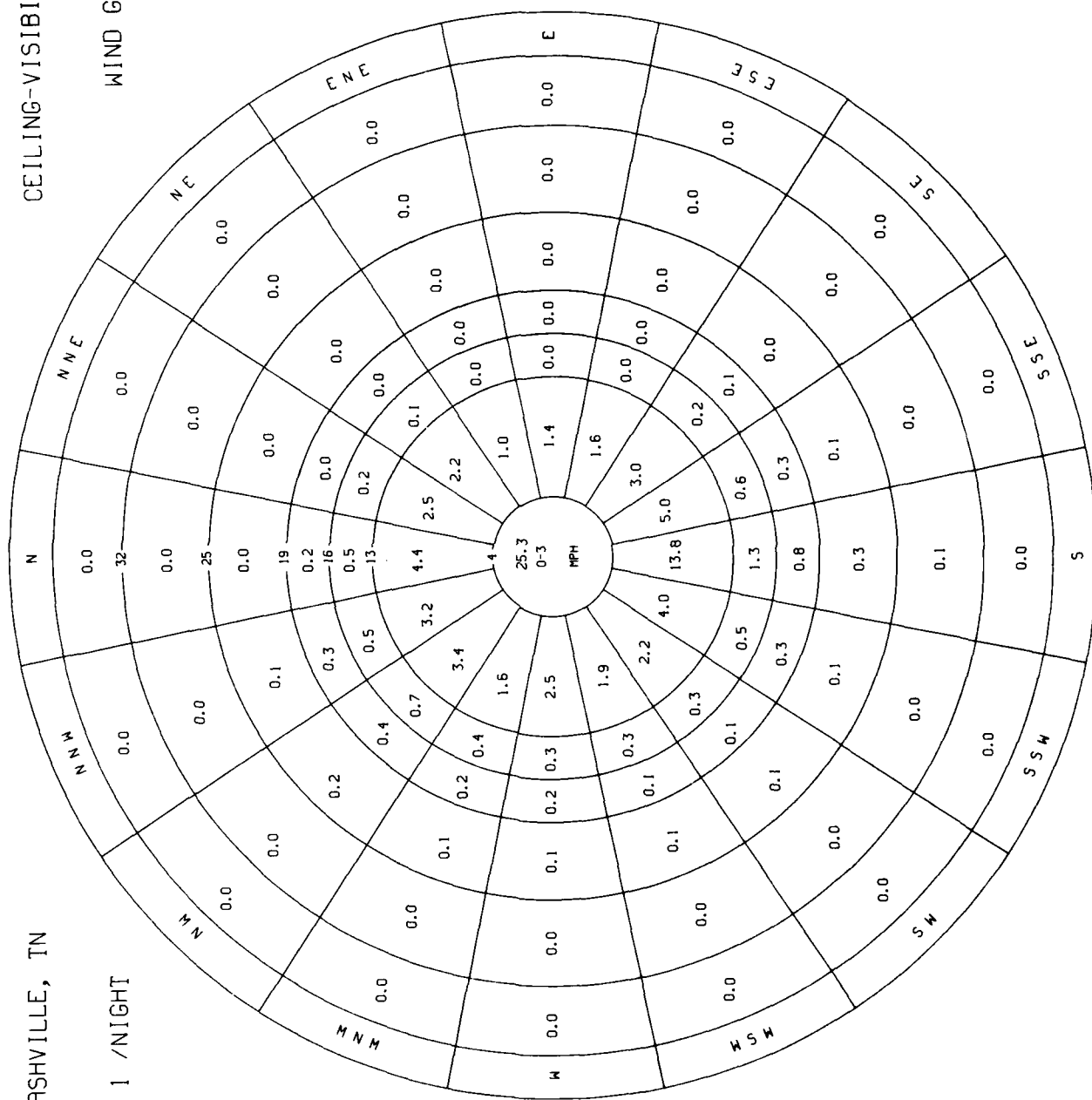
STATION NUMBER: 13897

NO. OBS.: 43772

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.8	.9	4.6	5.1	.9	1.0	.4	.4	.1	.1	.0	.0	.0	.0	6.8 7.6
NNE	.6	.7	3.6	4.0	.5	.6	.1	.1	.0	.0	.0	.0	.0	.0	4.9 5.5
NENE	.8	.9	3.2	3.5	.3	.4	.1	.1	.0	.0	.0	.0	.0	.0	4.4 4.9
ENE	.6	.7	1.9	2.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.6 2.9
E	1.0	1.1	1.9	2.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	3.0 3.3
ESE	.8	1.0	1.8	2.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.8 3.1
SE	1.1	1.2	2.8	3.1	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	4.3 4.8
SSE	.8	.9	3.5	3.9	.6	.7	.4	.5	.1	.2	.0	.0	.0	.0	5.5 6.2
S	1.3	1.4	8.0	9.0	2.0	2.3	1.1	1.3	.5	.5	.1	.1	.0	.0	13.0 14.6
SSW	.5	.5	4.0	4.5	1.3	1.5	.8	.9	.3	.3	.0	.0	.0	.0	6.9 7.7
SW	.6	.7	3.6	4.0	1.0	1.1	.5	.6	.2	.2	.0	.0	.0	.0	5.9 6.6
WSW	.5	.5	3.0	3.3	.8	.9	.4	.5	.1	.1	.0	.0	.0	.0	4.8 5.4
W	.5	.5	3.1	3.5	1.0	1.1	.5	.6	.3	.3	.0	.0	.0	.0	5.4 6.0
WNW	.3	.4	2.3	2.6	.9	1.0	.6	.6	.3	.3	.0	.0	.0	.0	4.4 5.0
NW	.6	.6	3.5	4.0	1.1	1.2	.7	.8	.3	.3	.0	.0	.0	.0	6.2 7.0
NNW	.4	.5	2.9	3.3	.8	.9	.4	.4	.1	.1	.0	.0	.0	.0	4.6 5.2
CALM	3.8	4.2													3.8 4.2
TOTAL	15.0	16.8	53.7	60.3	11.8	13.2	6.1	6.8	2.3	2.5	.3	.3	.0	.0	89.1 100

BNB NASHVILLE, TN

CLASS 1 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: BNA NASHVILLE, TN

PERIOD: 1948-1978

CLASS 1 / NIGHT

STATION NUMBER: 13897

NO. OBS.: 37049

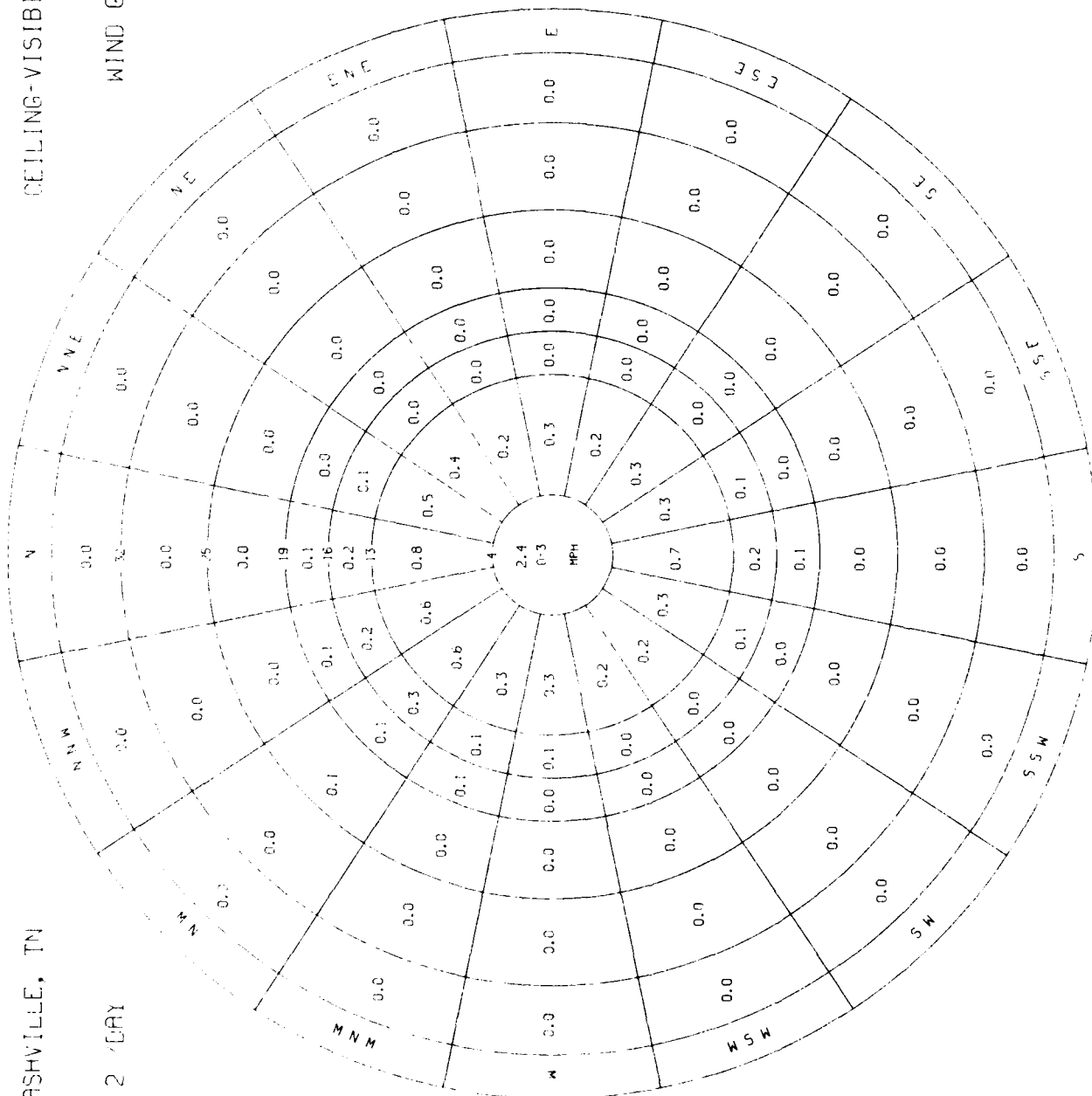
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	1.2	1.3	4.4	4.9	.5	.6	.2	.3	.0	.0	.0	.0	.0	.0	6.3	7.1	7.4
NNE	.8	.9	2.5	2.8	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	3.5	4.0	6.6
NE	1.0	1.1	2.2	2.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	3.3	3.6	5.7
ENE	.8	.8	1.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	2.0	4.8
E	1.2	1.4	1.4	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	2.9	4.5
ESE	1.1	1.3	.6	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	3.1	4.9
SE	1.6	1.8	3.0	3.4	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	4.9	5.5	5.9
SSE	1.5	1.6	5.0	5.6	.6	.7	.3	.4	.1	.1	.0	.0	.0	.0	7.6	8.5	7.8
S	2.8	3.2	13.8	15.4	1.3	1.5	.8	.9	.3	.4	.1	.1	.0	.0	19.1	21.4	7.8
SSW	.9	1.1	4.0	4.5	.5	.5	.3	.3	.1	.1	.0	.0	.0	.0	5.8	6.5	7.9
SW	.9	1.0	2.2	2.5	.3	.3	.1	.1	.1	.1	.0	.0	.0	.0	3.6	4.0	7.1
WSW	.6	.7	1.9	2.2	.3	.3	.1	.1	.1	.1	.0	.0	.0	.0	3.0	3.4	7.6
W	.5	.6	2.5	2.7	.3	.3	.2	.2	.1	.1	.0	.0	.0	.0	3.6	4.0	8.2
WNW	.4	.4	1.6	1.7	.4	.5	.2	.2	.1	.1	.0	.0	.0	.0	2.6	3.0	9.4
NW	.5	.6	3.4	3.8	.7	.8	.4	.5	.2	.2	.0	.0	.0	.0	5.3	5.9	9.5
NNW	.7	.7	3.2	3.6	.5	.6	.3	.3	.1	.1	.0	.0	.0	.0	4.8	5.4	8.5
CALM	8.8	9.8													8.8	9.8	
TOTAL	25.3	28.3	53.7	60.1	6.0	6.7	3.1	3.5	1.1	1.2	.2	.2	.0	.0	89.4	100	6.7

CEILING-VISIBILITY

WIND GRAPH

BNA NASHVILLE, TN

CLASS 2 DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: 604 NASHVILLE, TN

PERIOD: 1948-1978

CLASS 2 (PA)

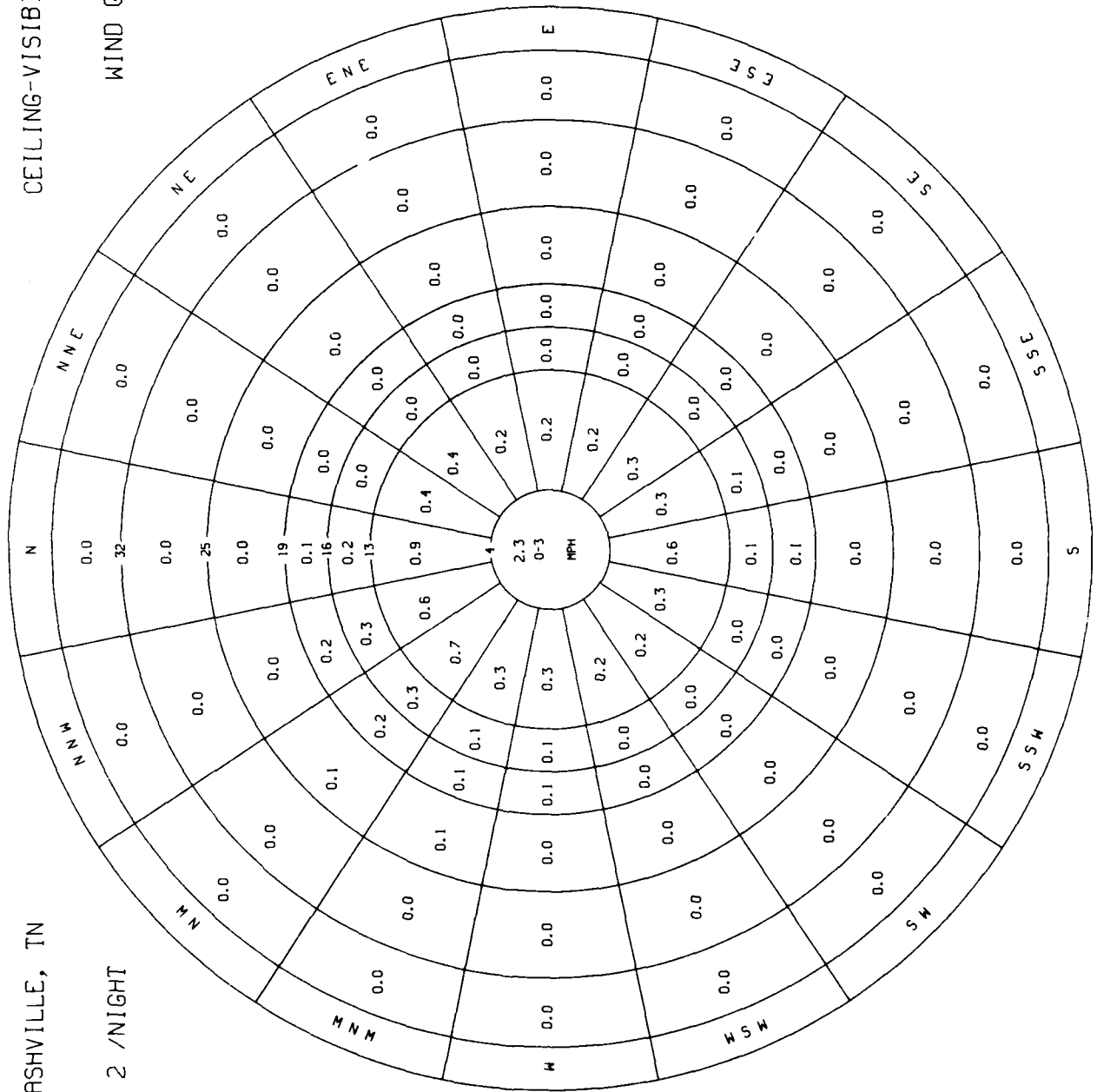
STATION NUMBER: 1069

NO. OBS.: 5355

SPEED GROUPS (MPH)																		AVG WIND SPEED													
0-3				4-12				13-15				16-18				19-24				25-31				32+				TOTAL			
A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	C	D		
1	3	5	2	2	1	7		1	0	1		0	0	1		0	0	0		0	0	0	1	2	1	1		9.3			
1	1	3	4	6	1	5		0	0	0		0	0	0		0	0	0		0	0	0	7	6	3		7.5				
1	3	4	3	4	0	4		0	0	0		0	0	0		0	0	0		0	0	5	4	6		7.1					
1	9	2	2	1	0	0		0	0	0		0	0	0		0	0	0		0	0	3	3	0		6.0					
1	1	3	2	6	1	0		0	0	0		0	0	0		0	0	0		0	0	4	3	6		6.1					
1	9	2	2	2	0	1		0	0	0		0	0	0		0	0	0		0	0	3	3	1		6.4					
1	3	3	2	7	0	0		0	0	0		0	0	0		0	0	0		0	0	5	4	5		6.7					
1	1	2	2	0	1	3		0	0	2		0	0	0		0	0	0		0	0	5	5	0		6.9					
1	5	2	3	4	2	1		0	0	3		0	0	0		0	0	0		0	0	1	1	0	4		7.1				
1	3	3	3	2	0	4		0	0	0		0	0	0		0	0	0		0	0	4	3	4		7.3					
1	3	3	3	2	0	0		0	0	0		0	0	0		0	0	0		0	0	3	3	7		7.3					
1	3	3	3	2	0	0		0	0	0		0	0	0		0	0	0		0	0	5	3	6		11.7					
1	3	3	3	2	0	1		0	0	0		0	0	0		0	0	0		0	0	1	1	0	6		11.7				
1	3	3	3	2	0	1		0	0	0		0	0	0		0	0	0		0	0	1	0	6		10					
1	3	3	3	2	0	0		0	0	0		0	0	0		0	0	0		0	0	3	3	1		9.3					

BNA NASHVILLE, TN

CLASS 2 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: BNA NASHVILLE, TN

PERIOD: 1948-1978

CLASS 2 / NIGHT

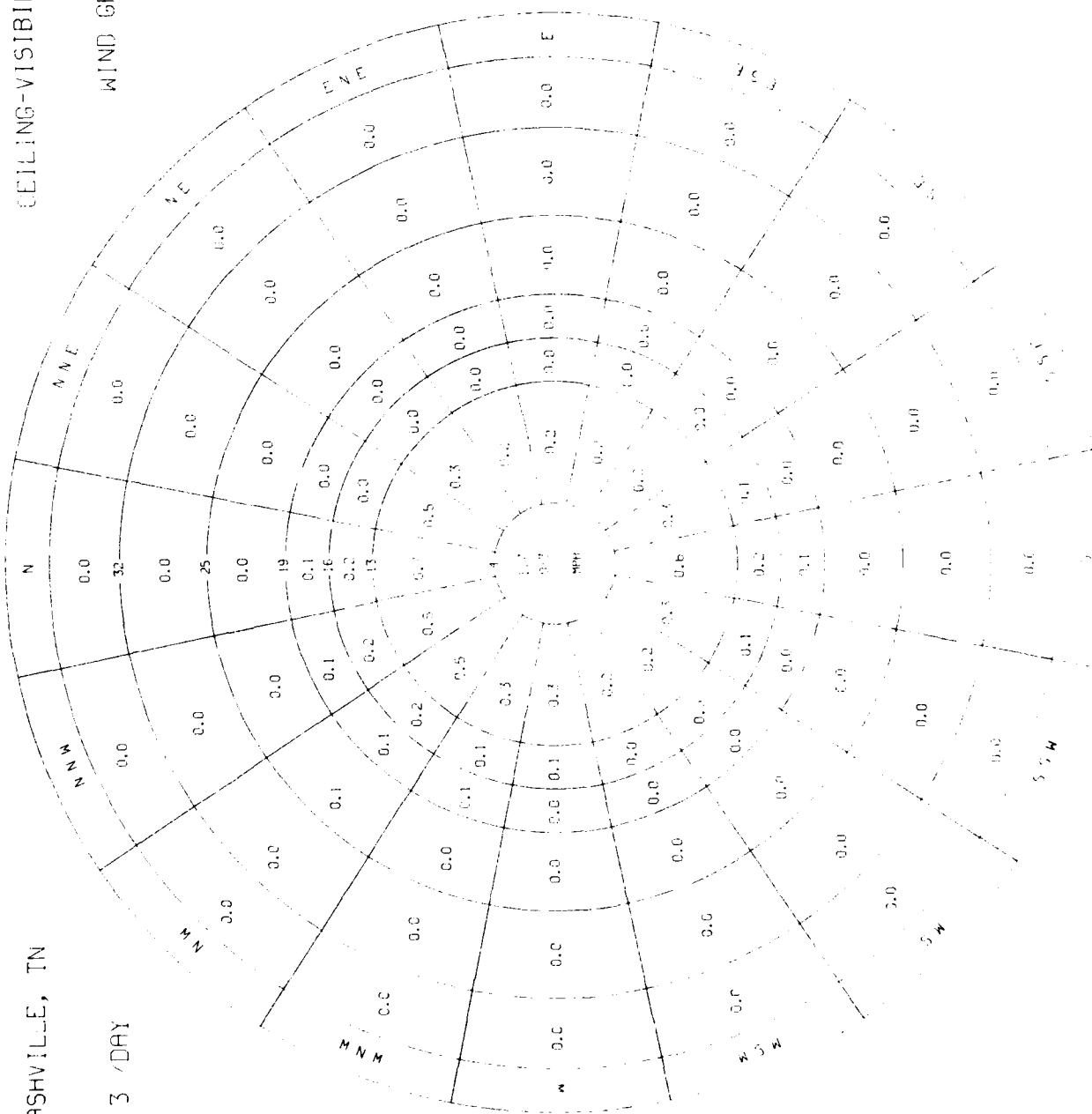
STATION NUMBER: 13897

NO. OBS.: 4403

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.1	1.1	.9	8.5	.2	2.3	.1	.6	.0	.1	.0	.0	.0	.0	1.4	12.8	9.5
NNE	.1	1.1	.4	3.7	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.6	5.2	7.2
NE	.1	1.2	.4	3.3	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.5	4.7	6.2
ENE	.1	.8	.2	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	2.5	5.7
E	.1	.9	.2	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	2.9	5.5
ESE	.1	1.1	.2	1.7	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.3	3.0	5.8
SE	.1	.9	.3	2.5	.0	.3	.0	.1	.0	.1	.0	.0	.0	.0	.4	3.8	6.9
SSE	.1	.6	.3	2.8	.1	.7	.0	.4	.0	.2	.0	.0	.0	.0	.5	4.7	9.6
S	.1	1.3	.6	5.3	.1	1.2	.1	.7	.0	.2	.0	.0	.0	.0	.9	8.6	8.8
SSW	.1	.5	.3	2.4	.0	.3	.0	.2	.0	.1	.0	.0	.0	.0	.4	3.5	8.3
SW	.1	.5	.2	1.7	.0	.1	.0	.2	.0	.0	.0	.0	.0	.0	.3	2.6	7.6
WSW	.0	.4	.2	2.0	.0	.3	.0	.2	.0	.0	.0	.0	.0	.0	.3	3.0	8.5
W	.1	.7	.3	3.2	.1	.6	.1	.6	.0	.2	.0	.0	.0	.0	.6	5.3	9.5
WNW	.0	.4	.3	3.0	.1	1.2	.1	.8	.1	.5	.0	.1	.0	.0	.6	6.0	12.0
NW	.1	.7	.7	6.3	.3	2.4	.2	1.7	.1	.7	.0	.1	.0	.0	1.3	12.0	11.2
NNW	.1	.7	.6	5.8	.3	2.8	.2	1.7	.0	.2	.0	.1	.0	.0	1.2	11.2	11.2
CALM	.9	8.2													.9	8.2	
TOTAL	2.3	21.2	5.9	55.9	1.4	12.9	.8	7.3	.2	2.2	.0	.3	.0	.0	10.6	100	8.4

CEILING-VISIBILITY

WIND GRAPH



BNA NASHVILLE, TN

CLASS 3 / DAY

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: 6NA NASHVILLE, TN

PERIOD: 1948-1978

CLASS 3 / DAY

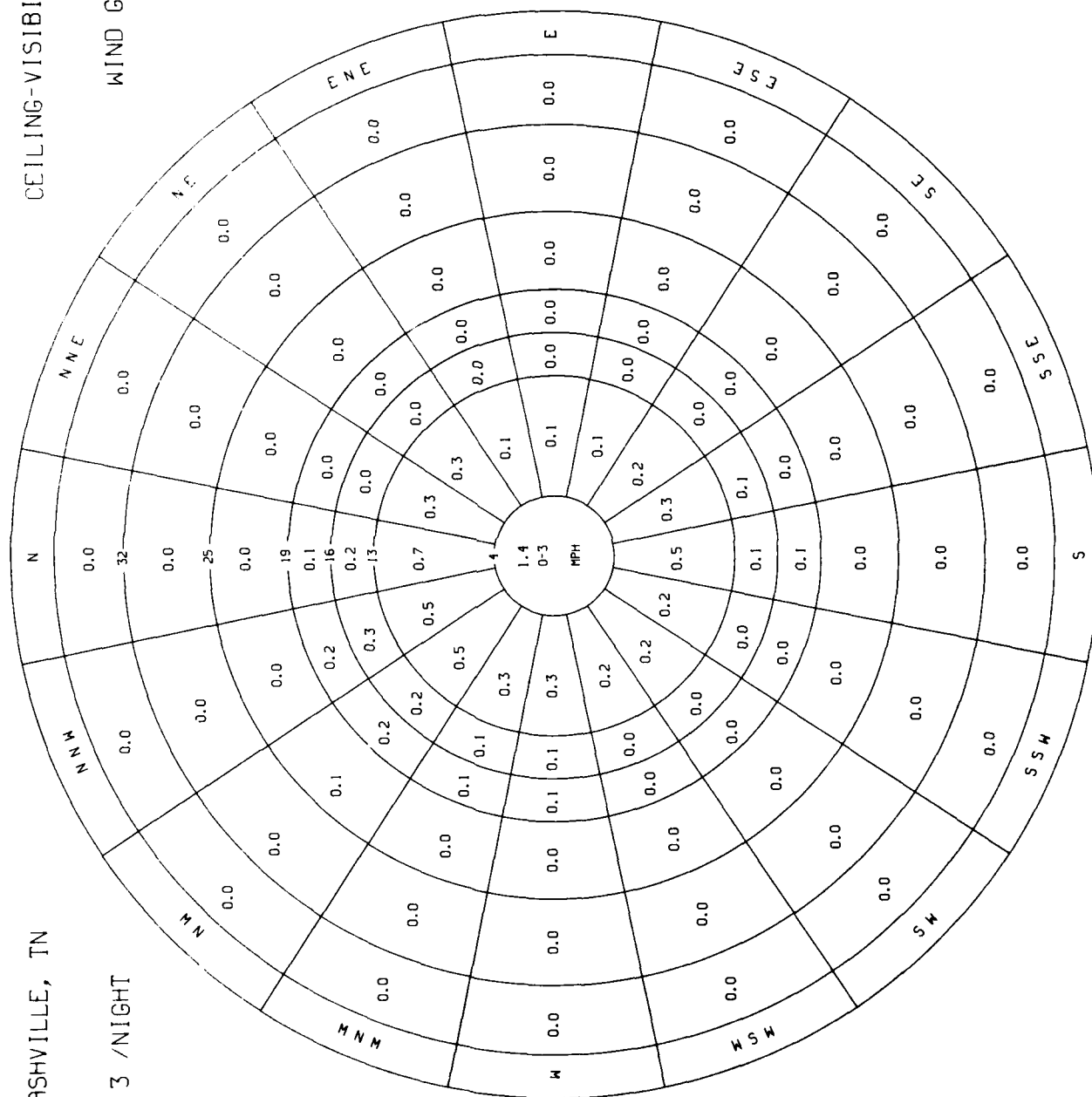
STATION NUMBER: 13597

NO. OBS.: 4612

SPEED GROUPS (MPH)																	AVG WIND SPEED							
0-3			4-12			13-15			16-18			19-24			25-31			32+			TOTAL			
A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B		C	A	B	C	A	B	C
1	1	1	7	7	2	2	1	2	1	7	1	0	2	0	0	1.0	11.1	9.6						
2	1	1	5	4	9	0	5	0	1	0	0	0	0	0	0	.6	6.5	7.7						
3	1	7	3	3	3	0	3	0	1	0	0	0	0	0	0	.4	4.4	7.3						
4	1	6	2	2	0	0	1	0	0	0	0	0	0	0	0	.3	2.7	6.4						
5	1	8	2	2	5	0	1	0	0	0	0	0	0	0	0	.3	3.5	6.6						
6	1	5	2	2	0	0	1	0	0	1	0	0	0	0	0	.3	2.9	6.6						
7	1	3	2	2	6	0	3	0	2	0	0	0	0	0	0	.4	4.4	6.8						
8	1	9	3	3	1	1	9	0	4	0	2	0	2	0	0	.5	5.5	9.2						
9	2	2	6	6	0	2	2	0	1	6	0	3	0	0	0	1.0	11.1	9.3						
10	5	5	2	2	9	1	6	0	5	0	0	0	0	0	0	.4	4.7	9.7						
11	5	5	2	2	3	0	6	0	2	0	1	0	0	0	0	.3	3.6	9.2						
12	8	8	2	2	5	0	2	0	0	2	0	0	0	0	0	.3	3.3	8.2						
13	5	5	2	3	3	1	1	0	3	0	3	0	2	0	0	.5	5.1	9.6						
14	5	5	2	2	8	1	6	0	1	7	0	3	0	1	0	.5	5.1	11.4						
15	5	5	2	2	6	0	6	0	1	2	1	5	0	1	0	1.0	10.6	11.6						
16	5	5	2	2	3	0	2	1	1	2	0	3	0	0	0	.9	9.5	11.0						
17	5	5	2	2	2	0	2	1	1	2	0	3	0	0	0	.6	6.2	8.7						

CEILING-VISIBILITY

WIND GRAPH



BNA NASHVILLE, TN

CLASS 3 / NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: BNA NASHVILLE, TN

PERIOD: 1948-1978

CLASS 3 / NIGHT

STATION NUMBER: 13897

NO. OBS.: 3531

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.1	.9	.7	8.6	.2	2.7	.1	.7	.0	.1	.0	.0	.0	.0	1.1	13.0	9.9
NNE	.1	.9	.3	3.9	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.5	5.3	7.5
NE	.1	1.1	.3	3.1	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.4	4.4	6.5
ENE	.0	.5	.1	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.2	6.3
E	.1	.6	.1	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.4	5.7
ESE	.1	.9	.1	1.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.6	6.2
SE	.1	.8	.2	2.6	.0	.3	.0	.1	.0	.1	.0	.0	.0	.0	.3	3.9	7.3
SSE	.0	.5	.3	2.9	.1	.9	.0	.5	.0	.2	.0	.0	.0	.0	.4	5.1	10.2
S	.1	1.2	.5	5.7	.1	1.4	.1	.8	.0	.2	.0	.0	.0	.0	.8	9.4	9.2
SSW	.0	.5	.2	2.7	.0	.4	.0	.2	.0	.1	.0	.0	.0	.0	.3	3.9	8.7
SW	.0	.5	.2	1.8	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.2	2.7	8.0
WSW	.0	.4	.2	2.1	.0	.4	.0	.3	.0	.1	.0	.0	.0	.0	.3	3.3	9.0
W	.1	.7	.3	3.4	.1	.7	.1	.7	.0	.2	.0	.1	.0	.0	.5	5.6	9.9
WNW	.0	.3	.3	2.9	.1	1.4	.1	1.0	.0	.6	.0	.1	.0	.0	.5	6.3	12.7
NW	.0	.4	.5	6.3	.2	2.7	.2	2.1	.1	.8	.0	.1	.0	.0	1.1	12.4	11.9
NNW	.0	.6	.5	5.9	.3	3.2	.2	2.0	.0	.3	.0	.1	.0	.0	1.0	12.0	11.7
CALM	.5	5.6													.5	5.6	
TOTAL	1.4	16.4	4.8	56.7	1.3	15.2	.7	8.7	.2	2.7	.0	.4	.0	.0	8.5	100	9.2

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: BNA NASHVILLE, TN

PERIOD: 1948-1978

CLASS 4 / DAY

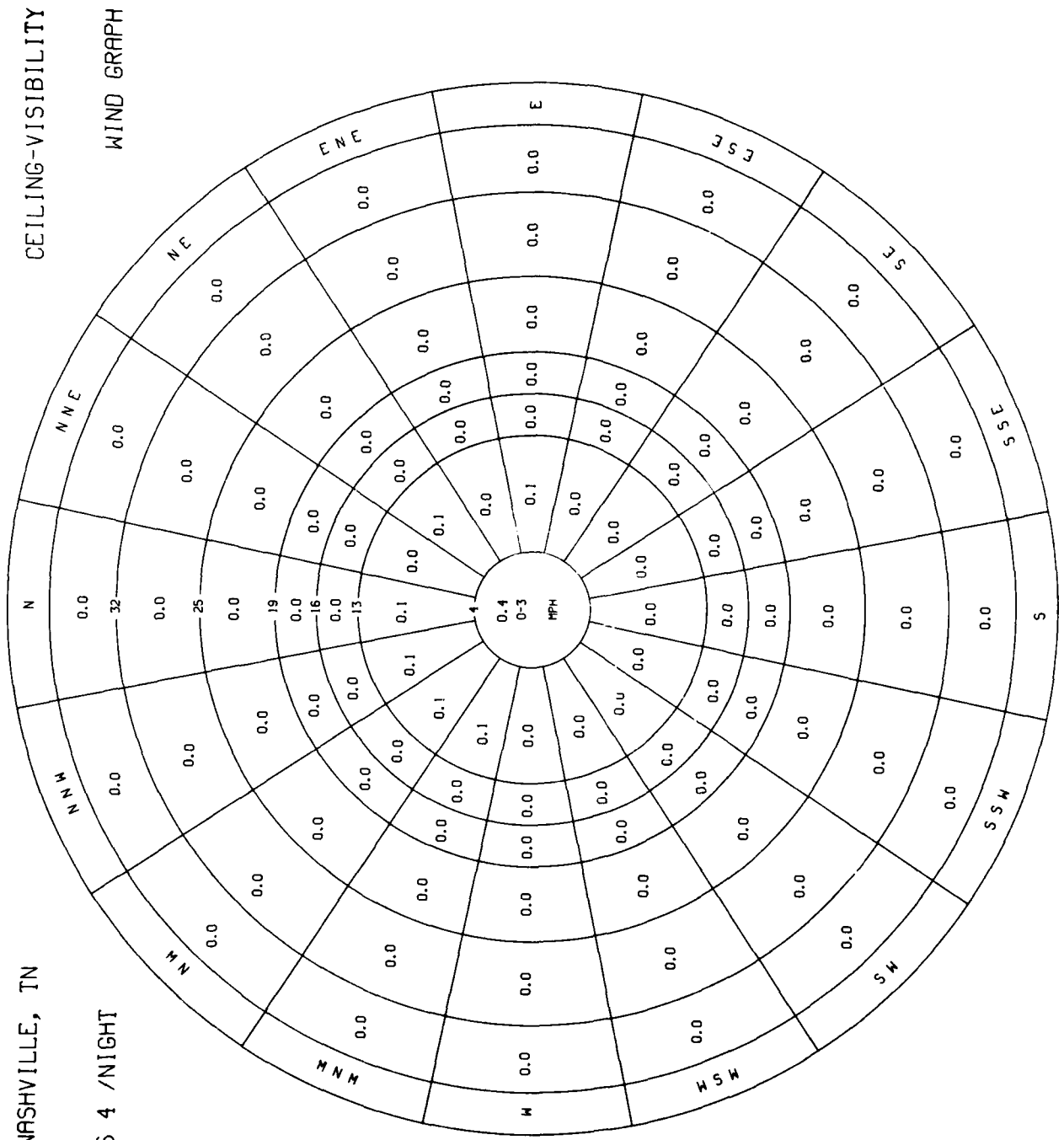
STATION NUMBER: 13397

NO. OBS.: 446

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	2.2	.1	9.9	.0	.7	.0	.9	.0	.2	.0	.0	.0	.0	.1	13.9	8.0
NNE	.0	2.0	.0	3.1	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.6	5.9
NE	.0	1.3	.0	4.9	.0	.7	.0	.2	.0	.0	.0	.0	.0	.0	.1	7.2	7.2
ENE	.0	1.6	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	4.7
E	.0	2.9	.0	3.1	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.3	5.0
ESE	.0	1.3	.0	4.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.8	6.4
SE	.0	1.3	.0	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7	5.4
SSE	.0	.7	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	5.9
S	.0	1.8	.0	4.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.8	5.3
SSW	.0	.4	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	6.4
SW	.0	.7	.0	1.1	.0	.0	.0	.2	.0	.2	.0	.0	.0	.0	.0	2.2	9.1
WSW	.0	.2	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	1.3	11.0
W	.0	.7	.0	2.9	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	3.8	7.4
WNW	.0	.9	.0	2.5	.0	.4	.0	.0	.0	.2	.0	.0	.0	.0	.0	4.0	7.6
NW	.0	.7	.1	6.3	.0	1.8	.0	.4	.0	.2	.0	.2	.0	.0	.1	9.6	10.2
NNW	.0	1.3	.0	5.4	.0	.4	.0	.2	.0	.0	.0	.0	.0	.0	.1	7.4	8.4
CALM	.1	12.6													.1	12.6	
TOTAL	.3	32.7	.5	59.0	.0	4.7	.0	2.2	.0	.9	.0	.2	.0	.2	.9	100	6.3

BNA NASHVILLE, TN

CLASS 4 / NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: BNA NASHVILLE, TN

PERIOD: 1948-1978

CLASS 4 / NIGHT

STATION NUMBER: 13897

NO. OBS.: 542

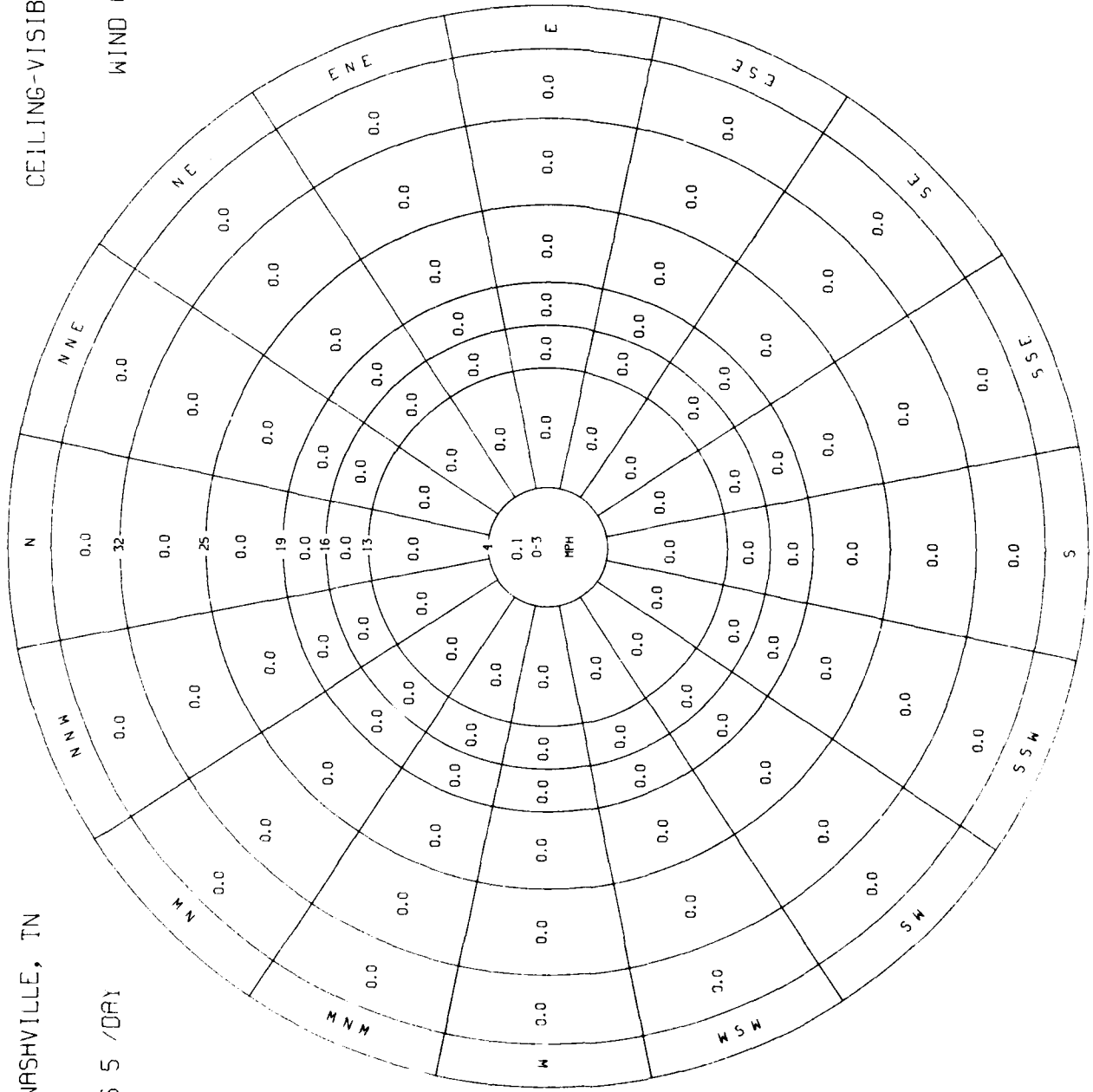
D I R	SPEED GROUPS (MPH)															AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL			
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D	
N	.0	2.0	.1	9.6	.0	1.3	.0	.2	.0	.2	.0	.0	.0	.0	.0	.2	13.3	8.0
NNE	.0	1.8	.0	3.1	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.1	5.4	6.5
NE	.0	1.7	.1	5.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.0	5.5
ENE	.0	1.1	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	4.8
E	.0	1.1	.1	4.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.5	5.8
ESE	.0	.6	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	6.4
SE	.0	1.1	.0	2.6	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.9	5.6
SSE	.0	.6	.0	3.1	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.9	6.8
S	.0	.9	.0	3.5	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.1	4.6	6.1
SSW	.0	1.1	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	4.5
SW	.0	.6	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	4.6
WSW	.0	.4	.0	1.7	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	2.2	6.2
W	.0	.9	.0	3.3	.0	.4	.0	.2	.0	.4	.0	.0	.0	.0	.0	.1	5.2	8.2
WNW	.0	.6	.1	3.9	.0	.6	.0	.6	.0	.2	.0	.0	.0	.0	.0	.1	5.7	9.7
NW	.0	1.7	.1	9.0	.0	1.3	.0	.6	.0	.2	.0	.2	.0	.0	.0	.2	12.9	8.4
NNW	.0	1.3	.1	7.0	.0	1.1	.0	.9	.0	.0	.0	.0	.0	.0	.0	.1	10.3	8.7
CALM	.1	9.6														.1	9.6	
TOTAL	.4	26.9	.8	63.7	.1	5.2	.0	3.1	.0	.9	.0	.2	.0	.0	.0	1.3	100	6.5

BNA NASHVILLE, TN

CLASS 5 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: BNA NASHVILLE, TN

PERIOD: 1948-1978

CLASS 5 / DAY

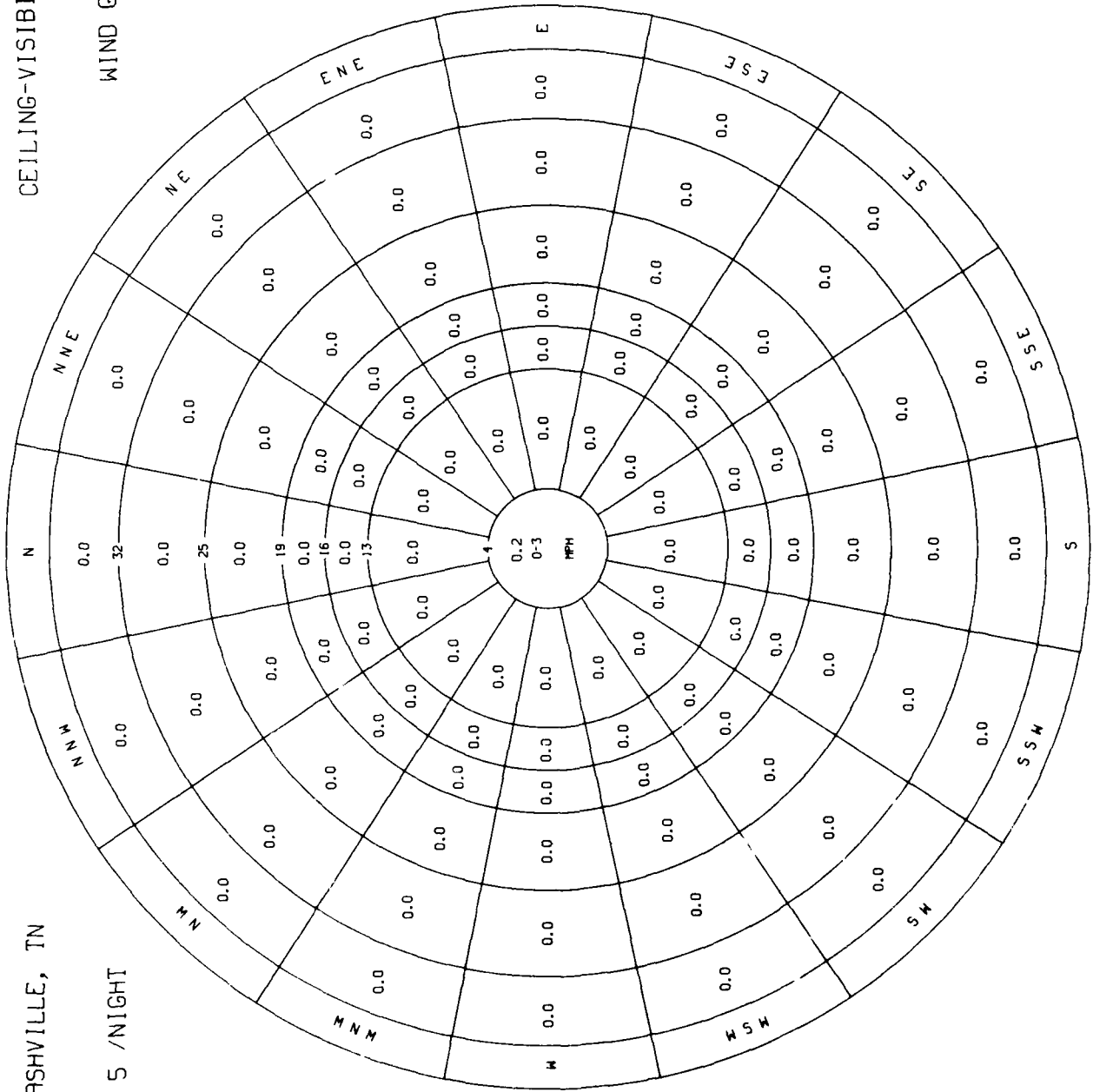
STATION NUMBER: 13897

NO. OBS.: 109

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	4.6	.0	3.7	.0	.0	.0	1.8	.0	.0	.0	.0	.0	.0	.0	10.1	7.0
NNE	.0	1.8	.0	5.5	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.3	5.8
NE	.0	1.8	.0	4.6	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	7.3	7.2
ENE	.0	4.6	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.4	3.4
E	.0	3.7	.0	3.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.3	3.8
ESE	.0	1.8	.0	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.6	4.0
SE	.0	.9	.0	4.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.5	4.8
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	1.8	.0	4.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.4	6.4
SSW	.0	3.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	2.8
SW	.0	.9	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	3.5
WSW	.0	.0	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	5.0
W	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	3.0
WNW	.0	.0	.0	.9	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	9.5
NW	.0	.9	.0	4.6	.0	.9	.0	.9	.0	.0	.0	.0	.0	.0	.0	7.3	8.4
NNW	.0	.9	.0	5.5	.0	.9	.0	.9	.0	.0	.0	.0	.0	.0	.0	8.3	9.4
CALM	.0	18.3													.0	18.3	
TOTAL	.1	46.8	.1	45.0	.0	3.7	.0	4.6	.0	.0	.0	.0	.0	.0	.2	100	4.9

CEILING-VISIBILITY

WIND GRAPH



BNA NASHVILLE, TN

CLASS 5 / NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: BNA NASHVILLE, TN

PERIOD: 1948-1978

CLASS 5 / NIGHT

STATION NUMBER: 13897

NO. OBS.: 128

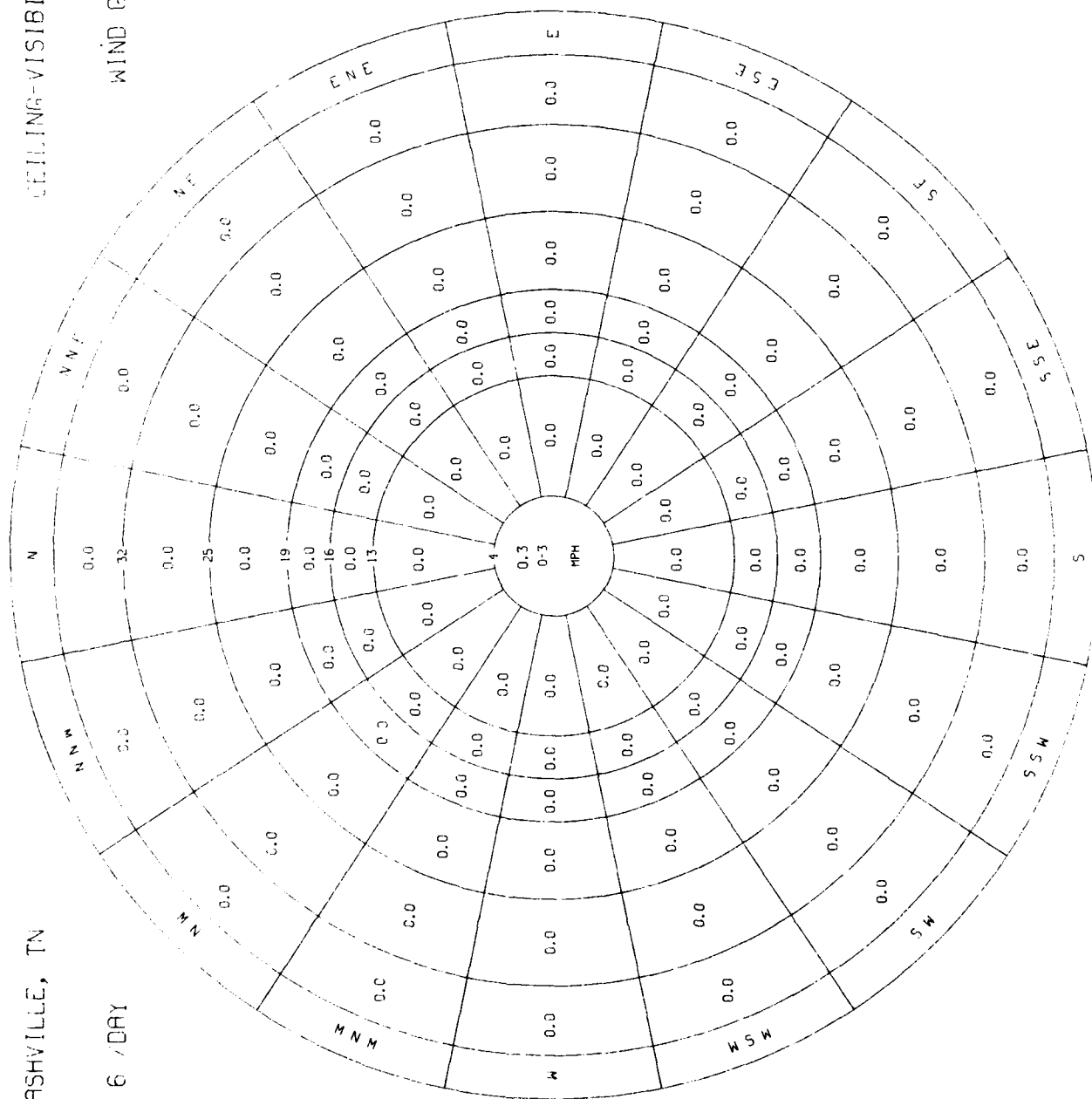
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	3.9	.0	10.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.8	6.2
NNE	.0	1.6	.0	4.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.3	5.1
NE	.0	3.1	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.5	4.3
ENE	.0	2.3	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	3.2
E	.0	3.9	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7	3.0
ESE	.0	3.9	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.0	3.8
SE	.0	1.6	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	6.0
SSE	.0	.8	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	4.0
S	.0	2.3	.0	5.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.8	4.8
SSW	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	5.0
SW	.0	.0	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	5.5
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	6.0
WNW	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	8.0
NW	.0	3.1	.0	3.9	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.8	6.0
NNW	.0	1.6	.0	3.9	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.8	8.7
CALM	.1	27.3													.1	27.3	
TOTAL	.2	55.5	.1	40.6	.0	3.9	.0	.0	.0	.0	.0	.0	.0	.0	.3	100	3.9

CEILING-VISIBILITY

WIND GRAPH

BNA NASHVILLE, TN

CLASS 6 / DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: BNA NASHVILLE, TN

PERIOD: 1948-1978

CLASS 6 / DAY

STATION NUMBER: 13897

NO. OBS.: 188

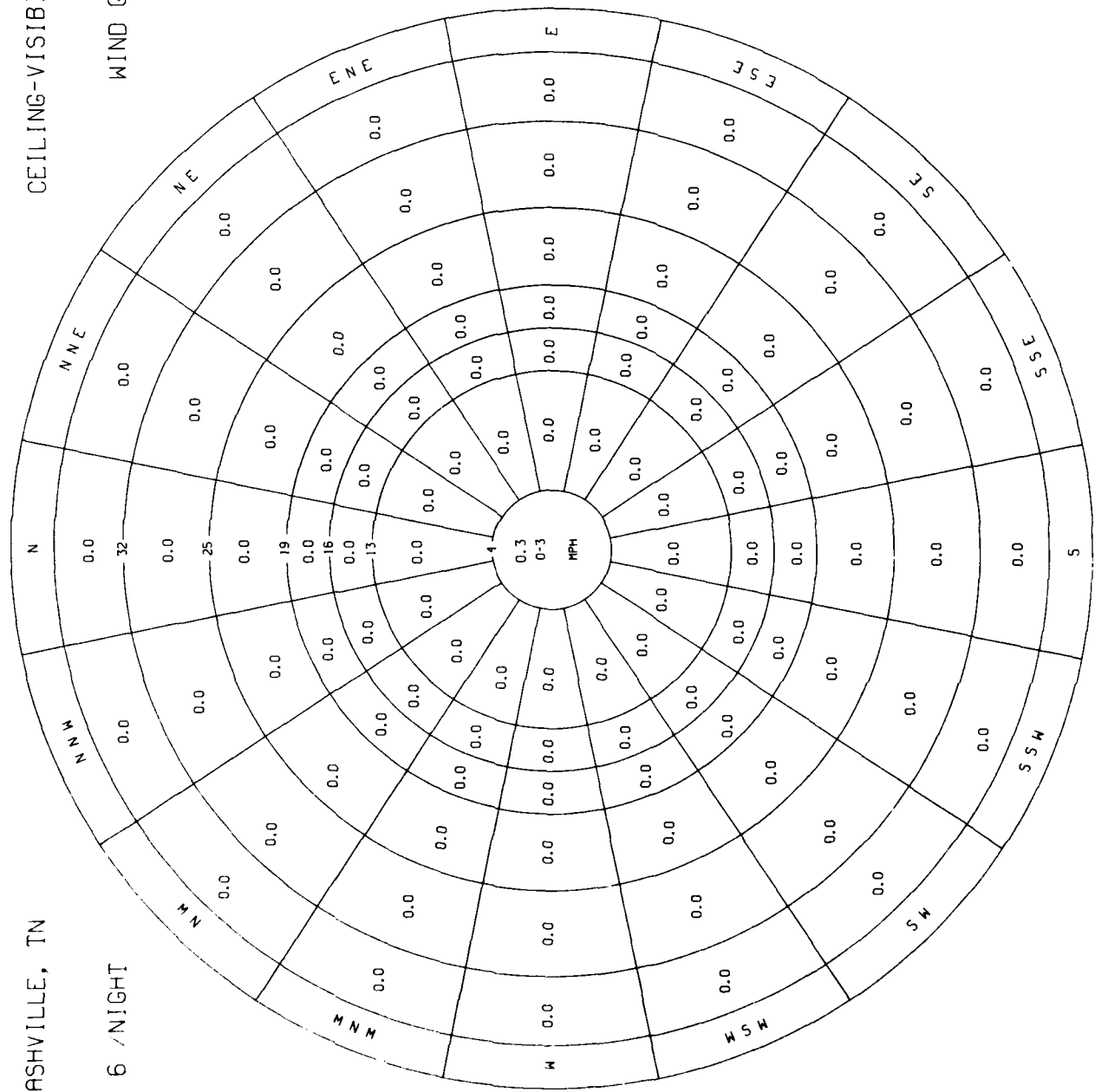
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	2.1	.0	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 5.3
NNE	.0	.5	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.7
NE	.0	4.3	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 6.9
ENE	.0	3.2	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 4.8
E	.0	3.7	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 5.3
ESE	.0	1.6	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.7
SE	.0	3.7	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 4.8
SSE	.0	.0	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.6
S	.0	4.3	.0	3.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 8.0
SSW	.0	1.6	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.2
SW	.0	.5	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.6
WSW	.0	1.6	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.1
W	.0	.5	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.6
WNW	.0	.5	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.0 2.1
NW	.0	1.1	.0	3.2	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0 4.8
NNW	.0	1.1	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.7
CALM	.1	38.8													.1 38.8
TOTAL	.3	69.1	.1	29.3	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.5	.4 100
															2.8

BNR NASHVILLE, TN

CLASS 6 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: BNA NASHVILLE, TN

PERIOD: 1948-1978

CLASS 6 / NIGHT

STATION NUMBER: 13897

NO. OBS.: 202

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	1.5	.0	4.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 5.4
NNE	.0	1.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.0
NE	.0	1.5	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.5
ENE	.0	3.5	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 5.9
E	.0	2.5	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 5.0
ESE	.0	2.5	.0	4.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 7.4
SE	.0	2.5	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.5
SSE	.0	1.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.0
S	.0	2.5	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 5.0
SSW	.0	.0	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.5
SW	.0	.5	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.5
WSW	.0	2.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.0
W	.0	2.5	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 4.0
WNW	.0	2.5	.0	2.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0 5.0
NW	.0	2.0	.0	1.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0 4.0
NNW	.0	1.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.0
CALM	.2	37.6													.2 37.6
TOTAL	.3	68.3	.1	30.7	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.5 100
															2.8

CEILING-VISIBILITY

WIND GRAPH

BNA NASHVILLE, TN

CLASS 7

